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Fig.1.

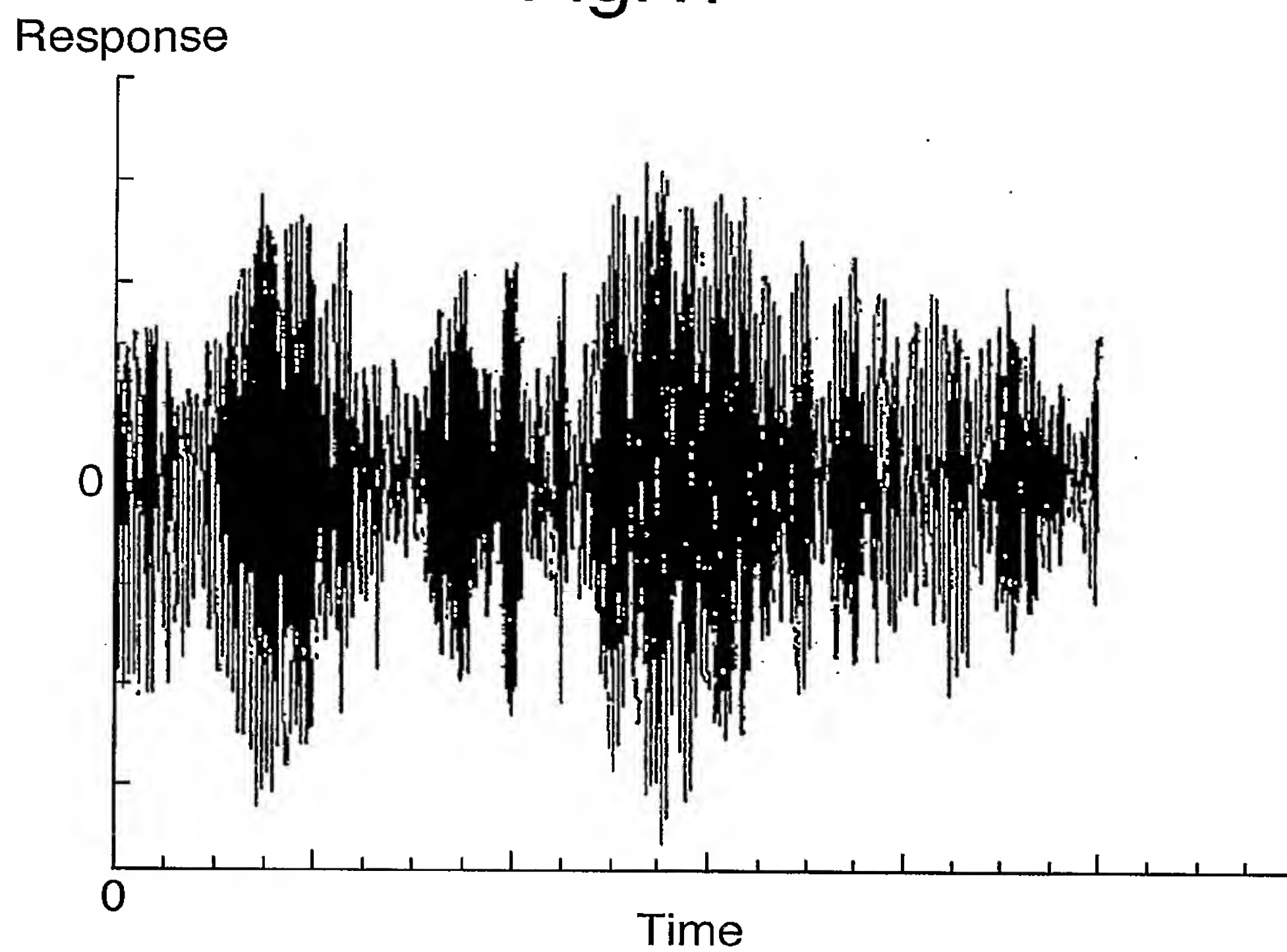
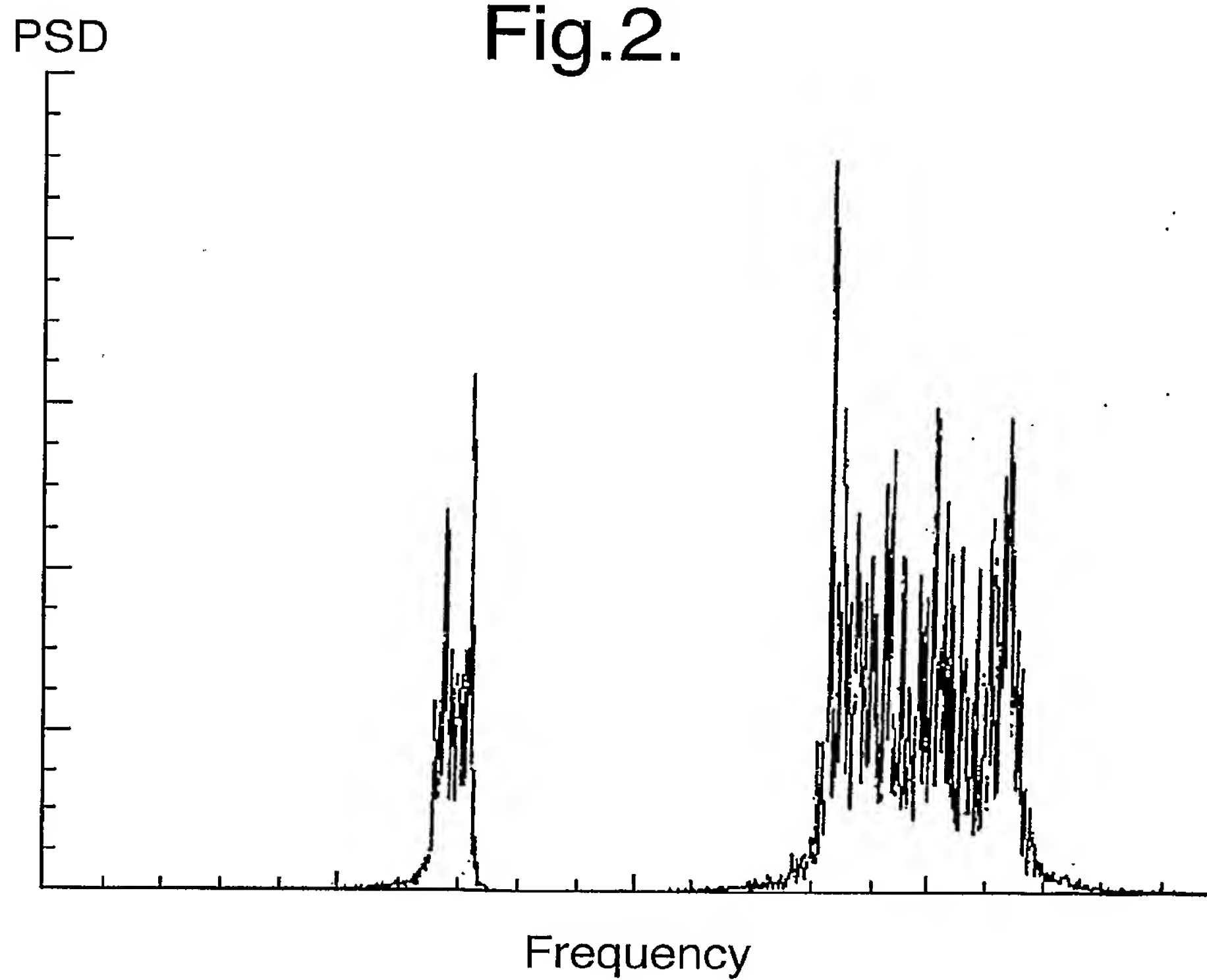


Fig.2.



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Fig.3.

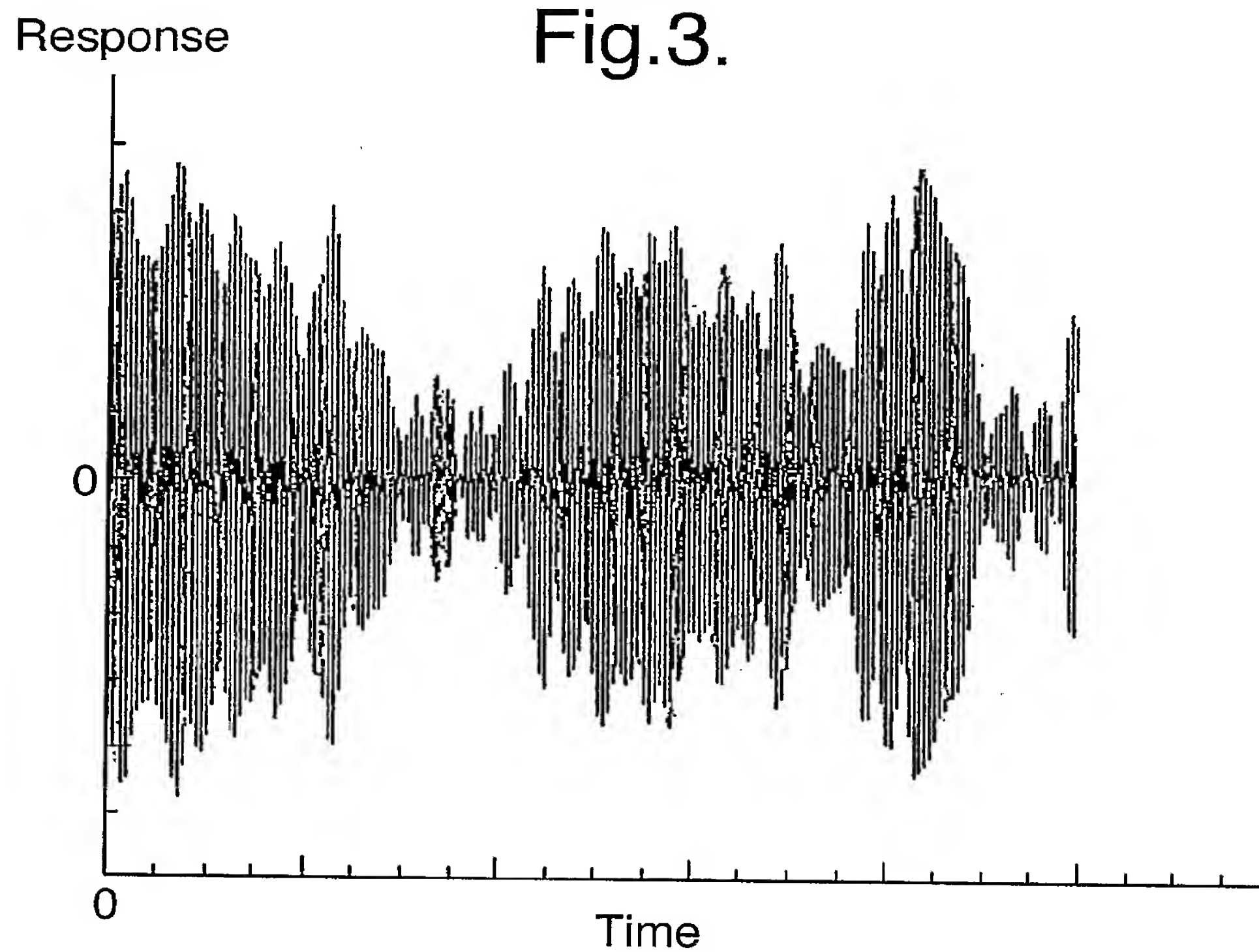


Fig.4.

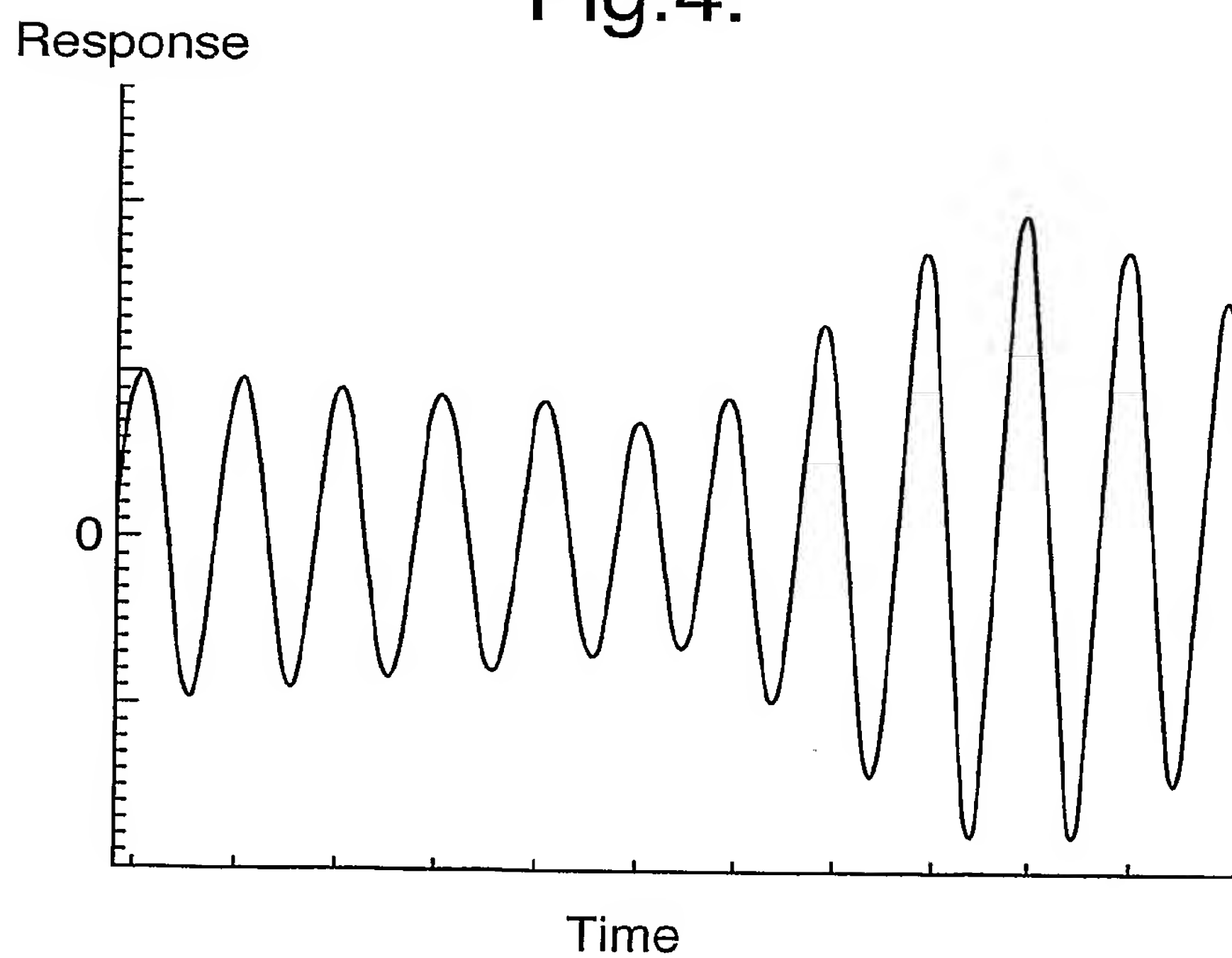


Fig.5a.

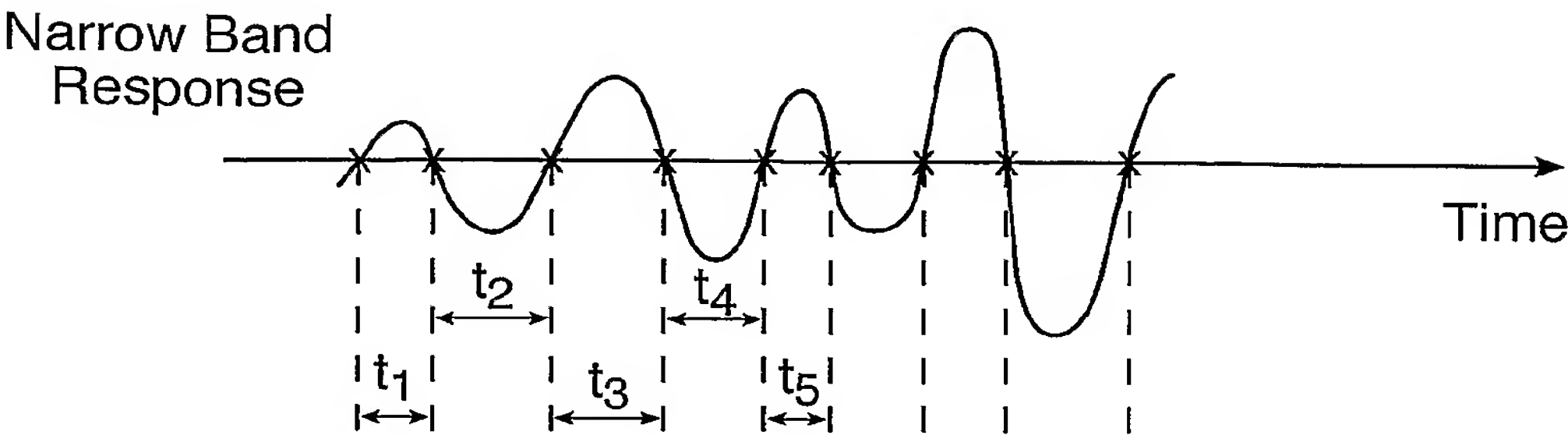


Fig.5b.

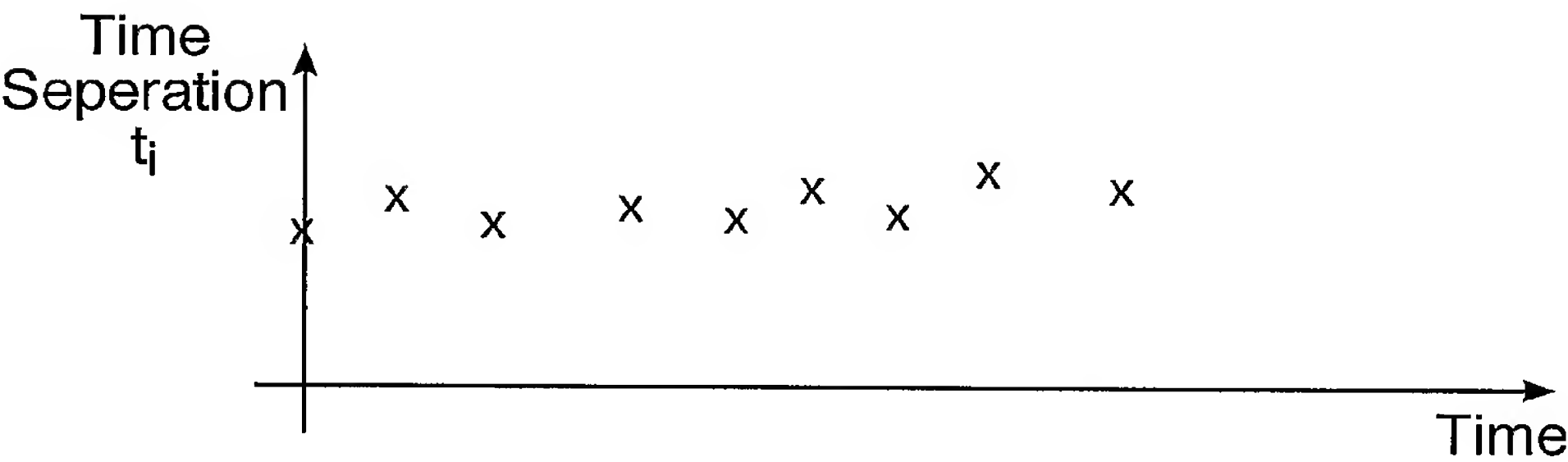
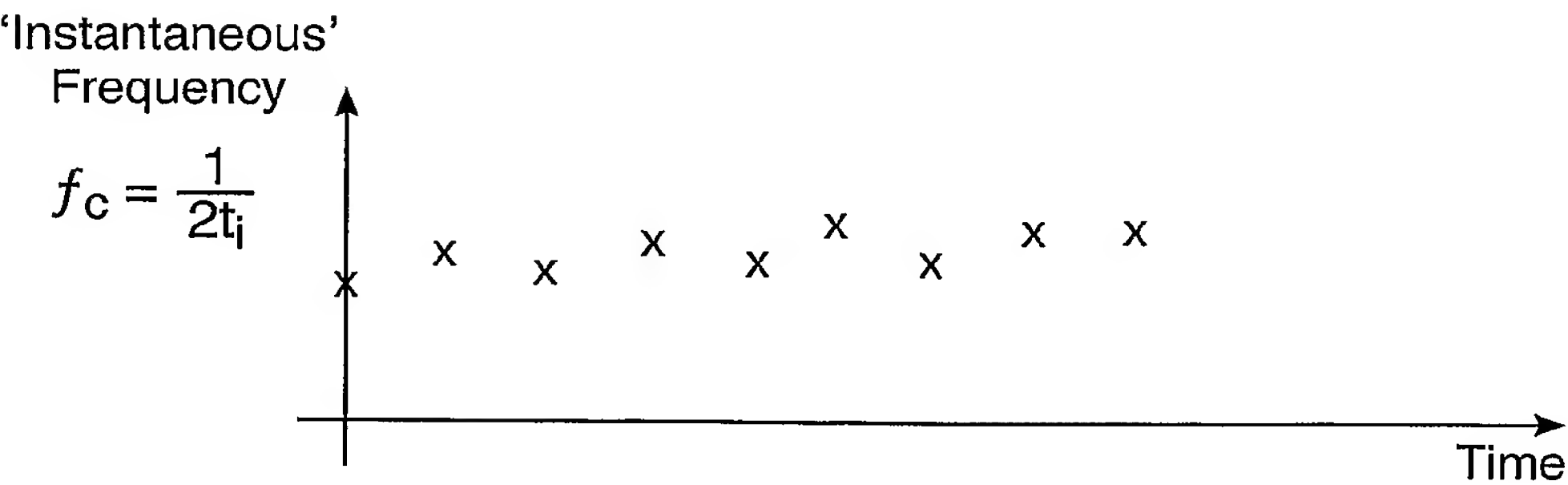


Fig.5c.



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Fig.6.

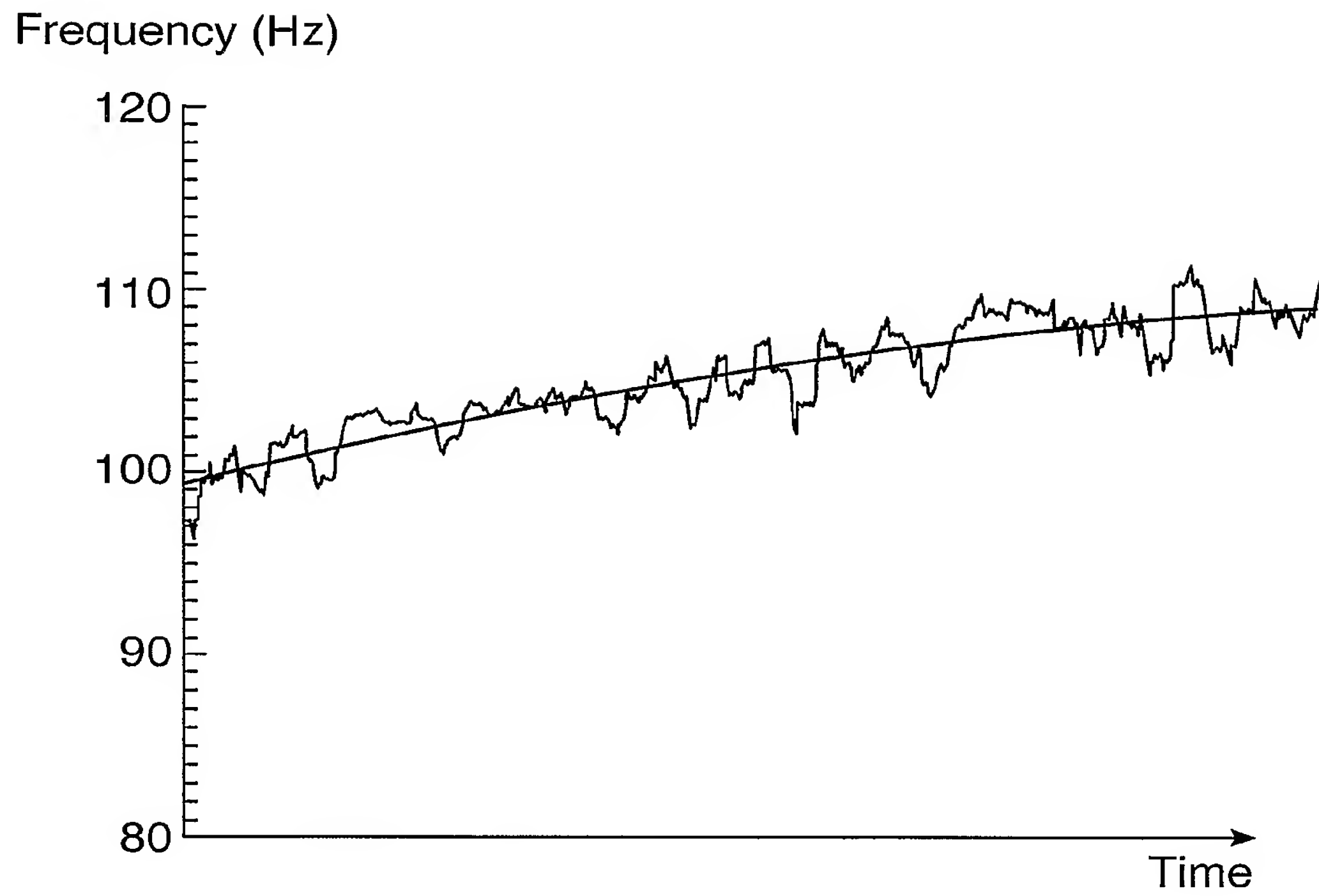
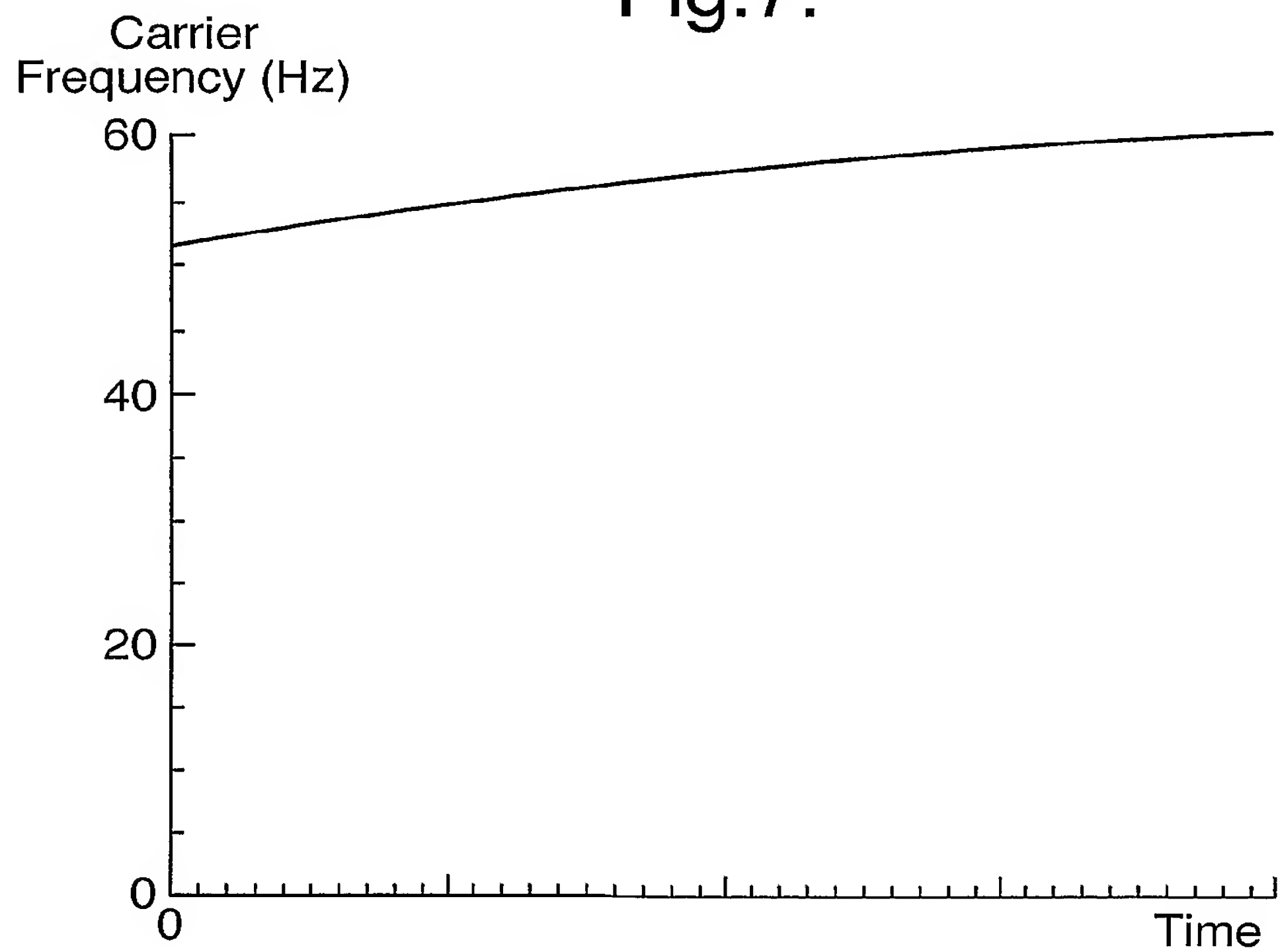


Fig.7.



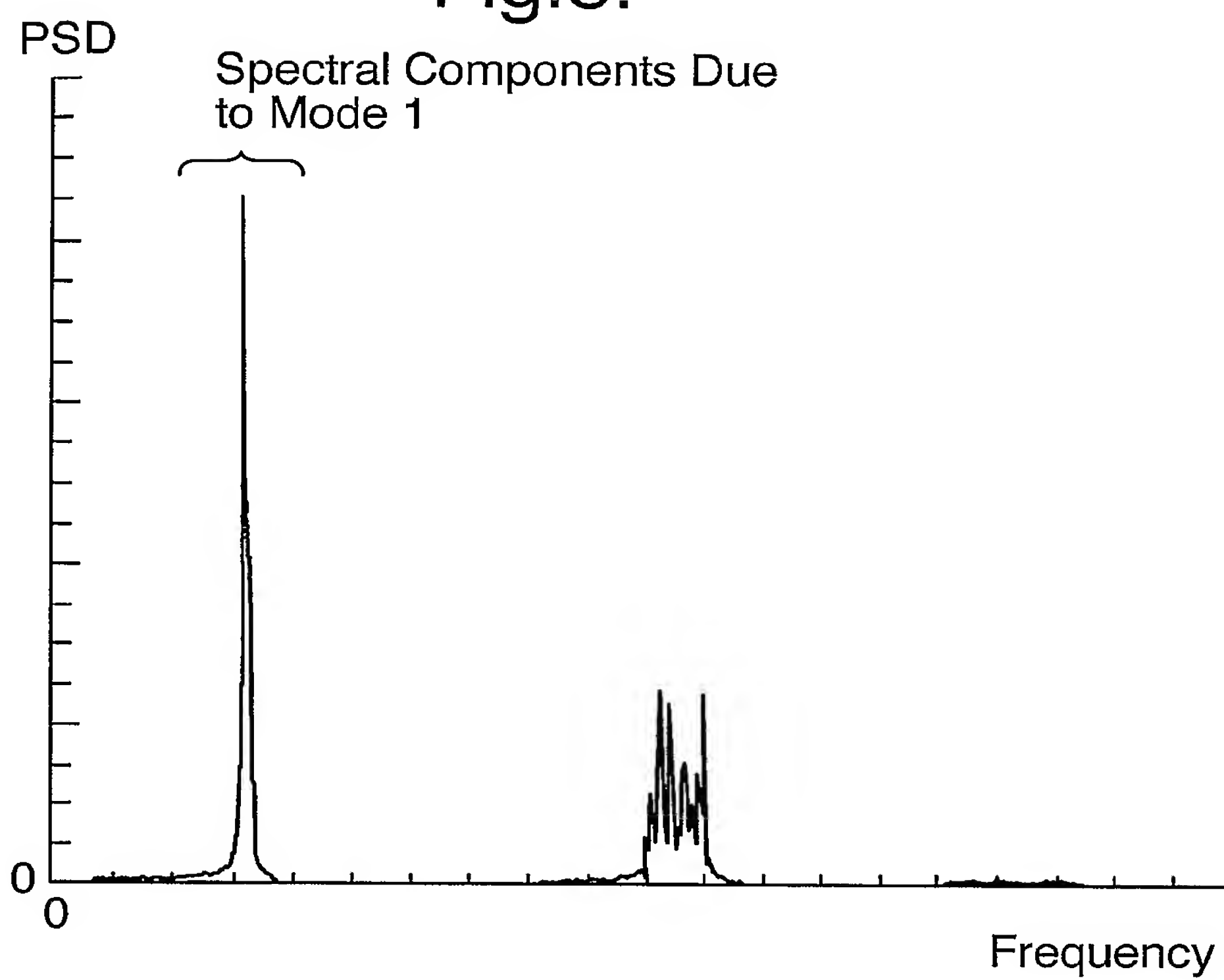
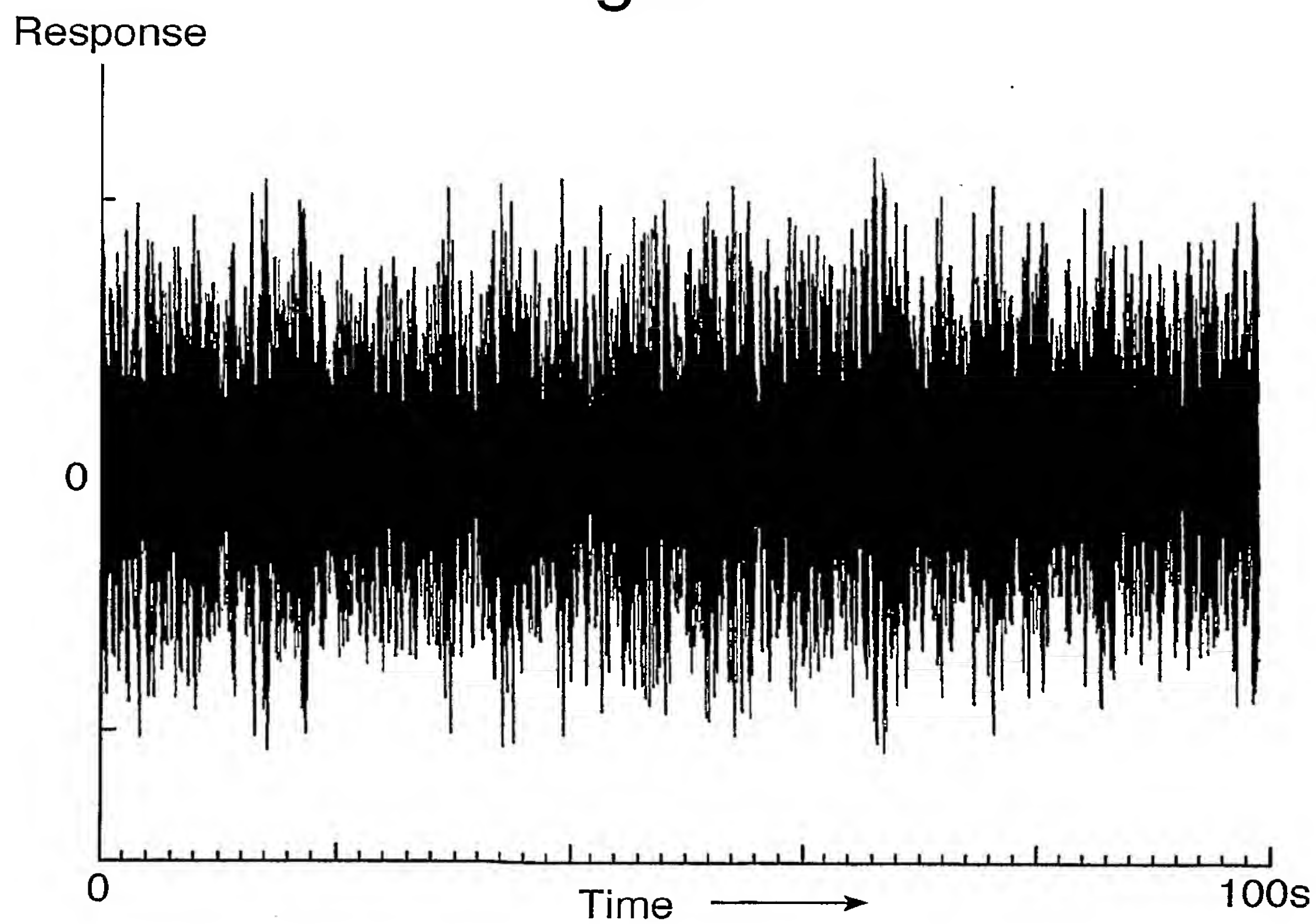
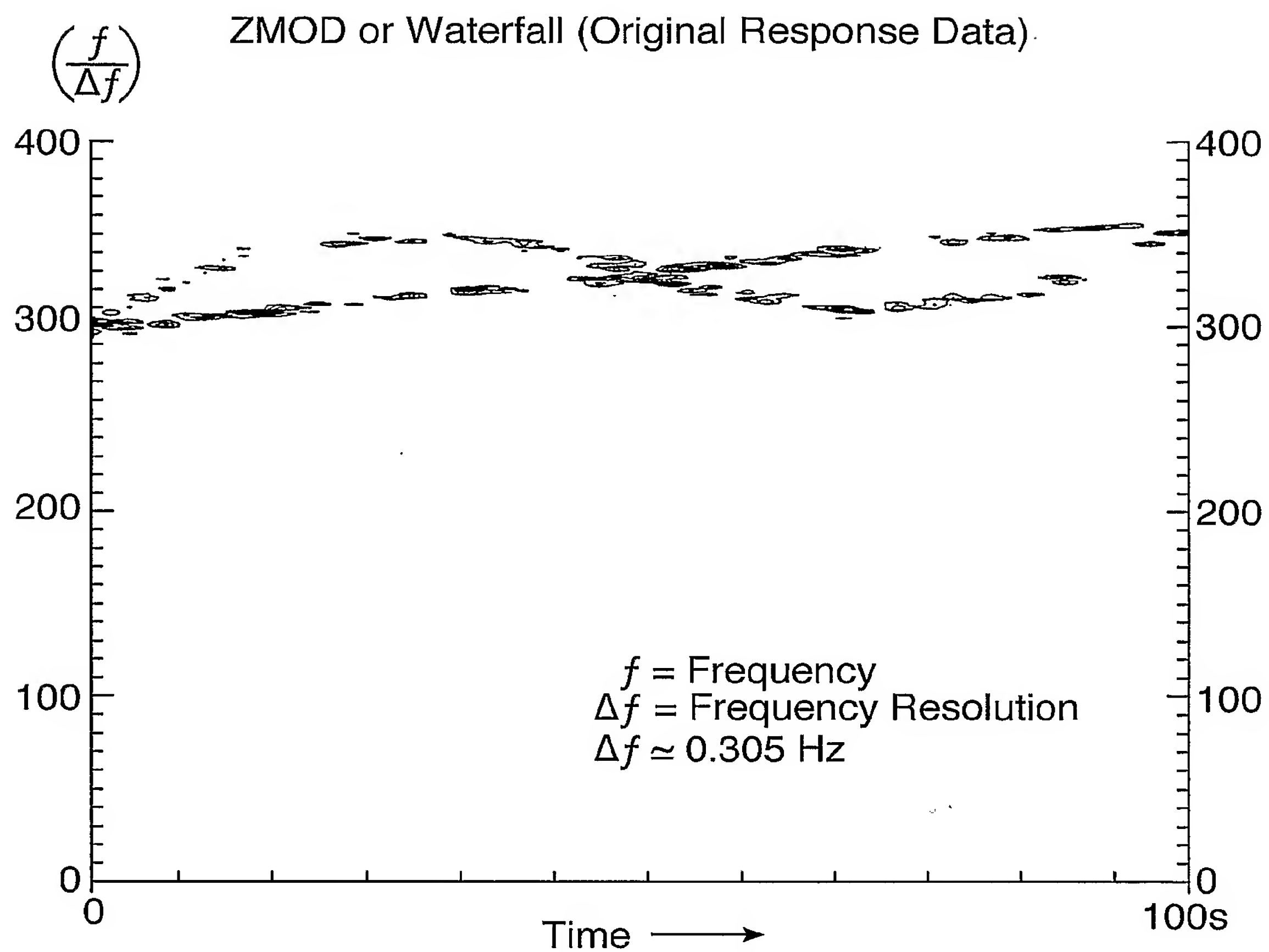
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Fig.8.

Fig.9.



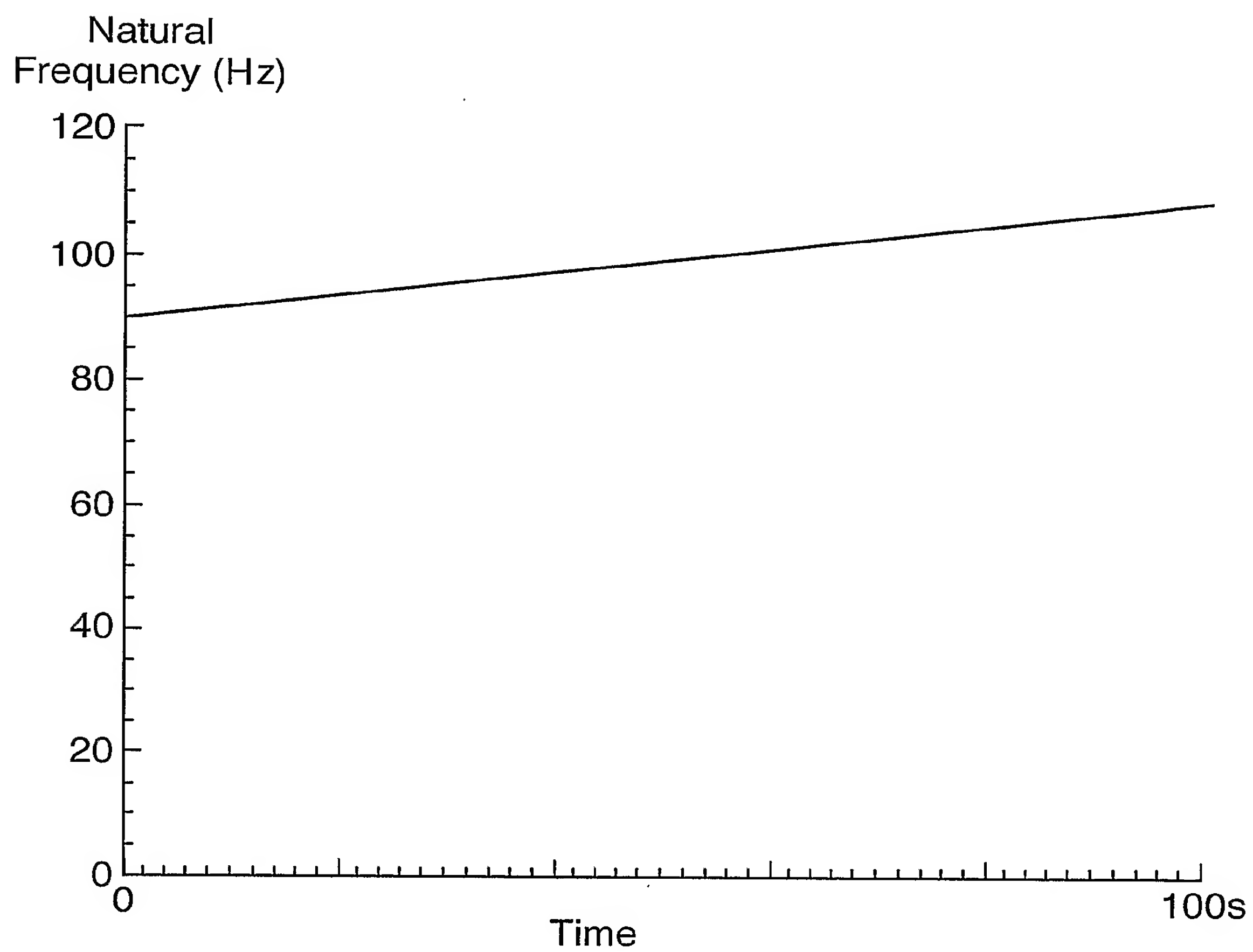
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Fig.10.



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Fig.11.



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Fig.12.

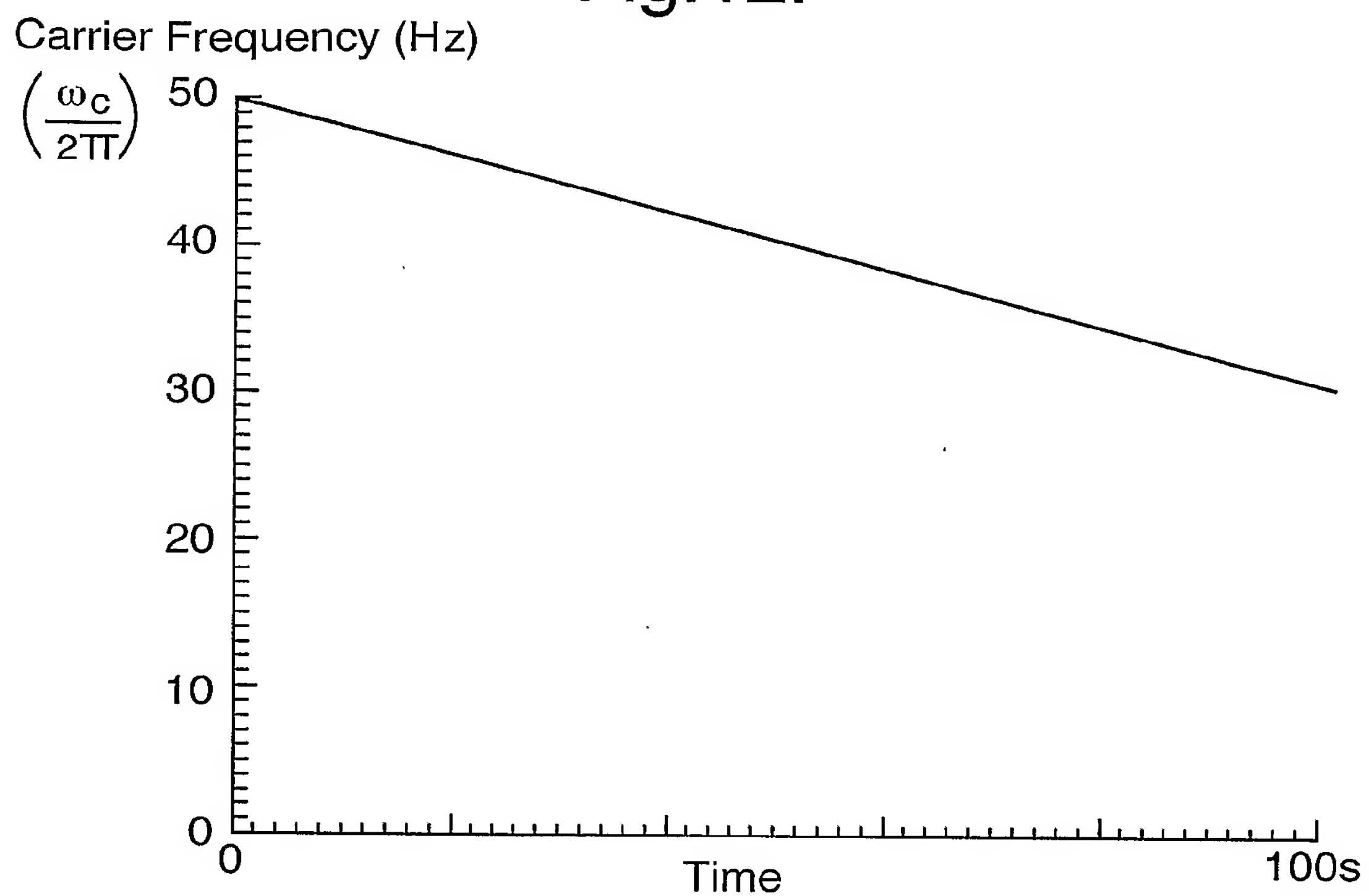
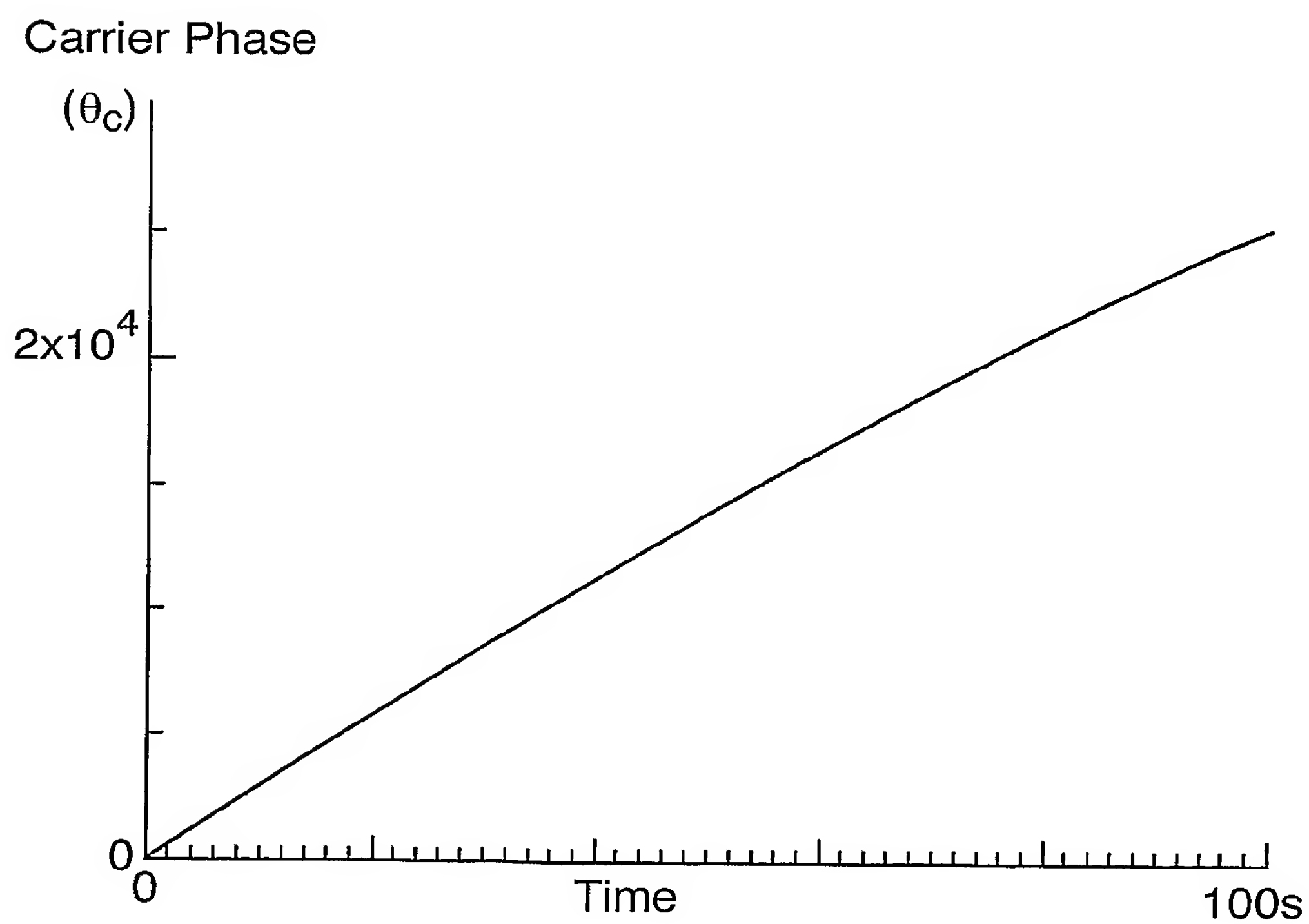


Fig.13.



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Fig.14.

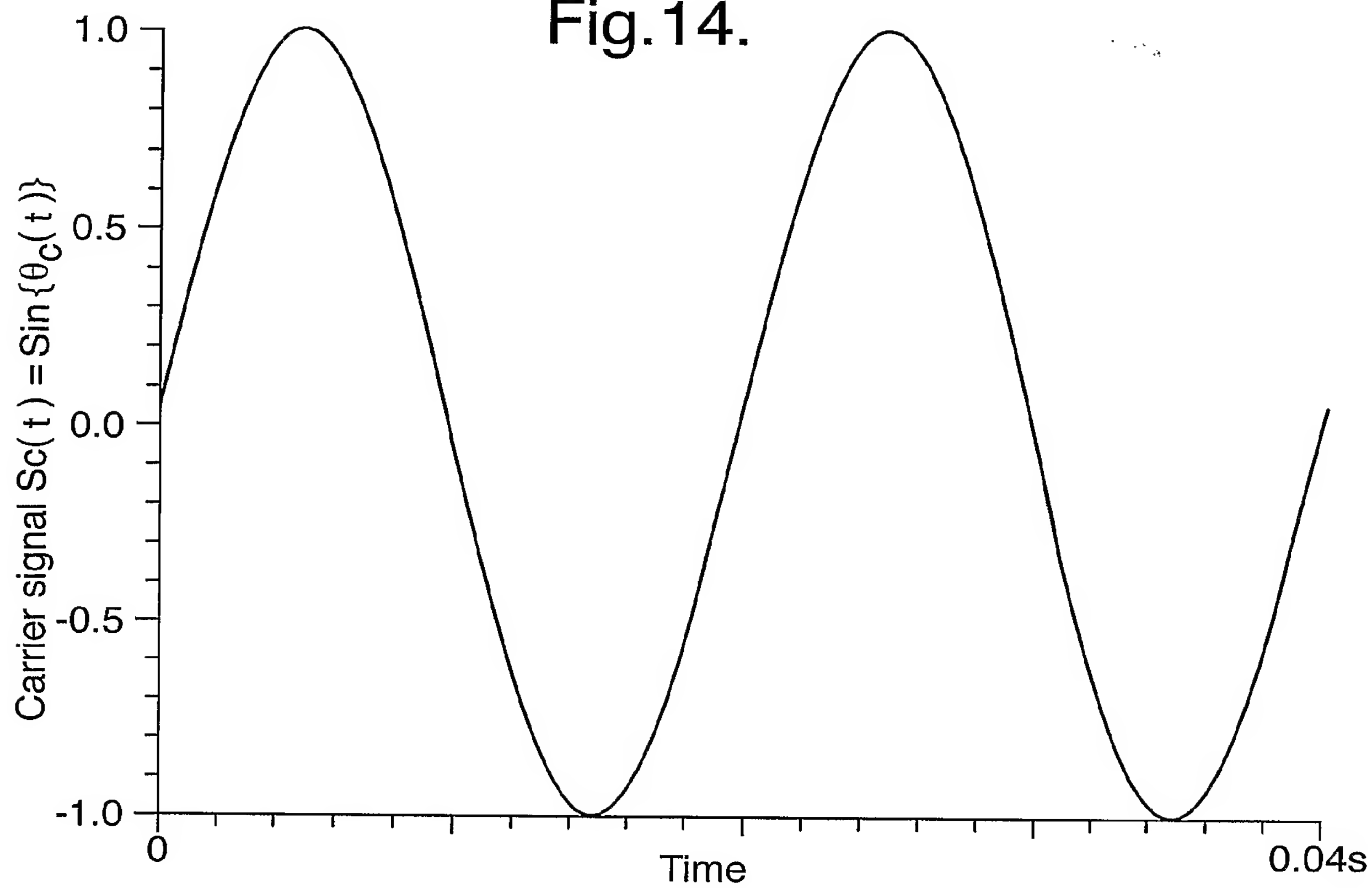
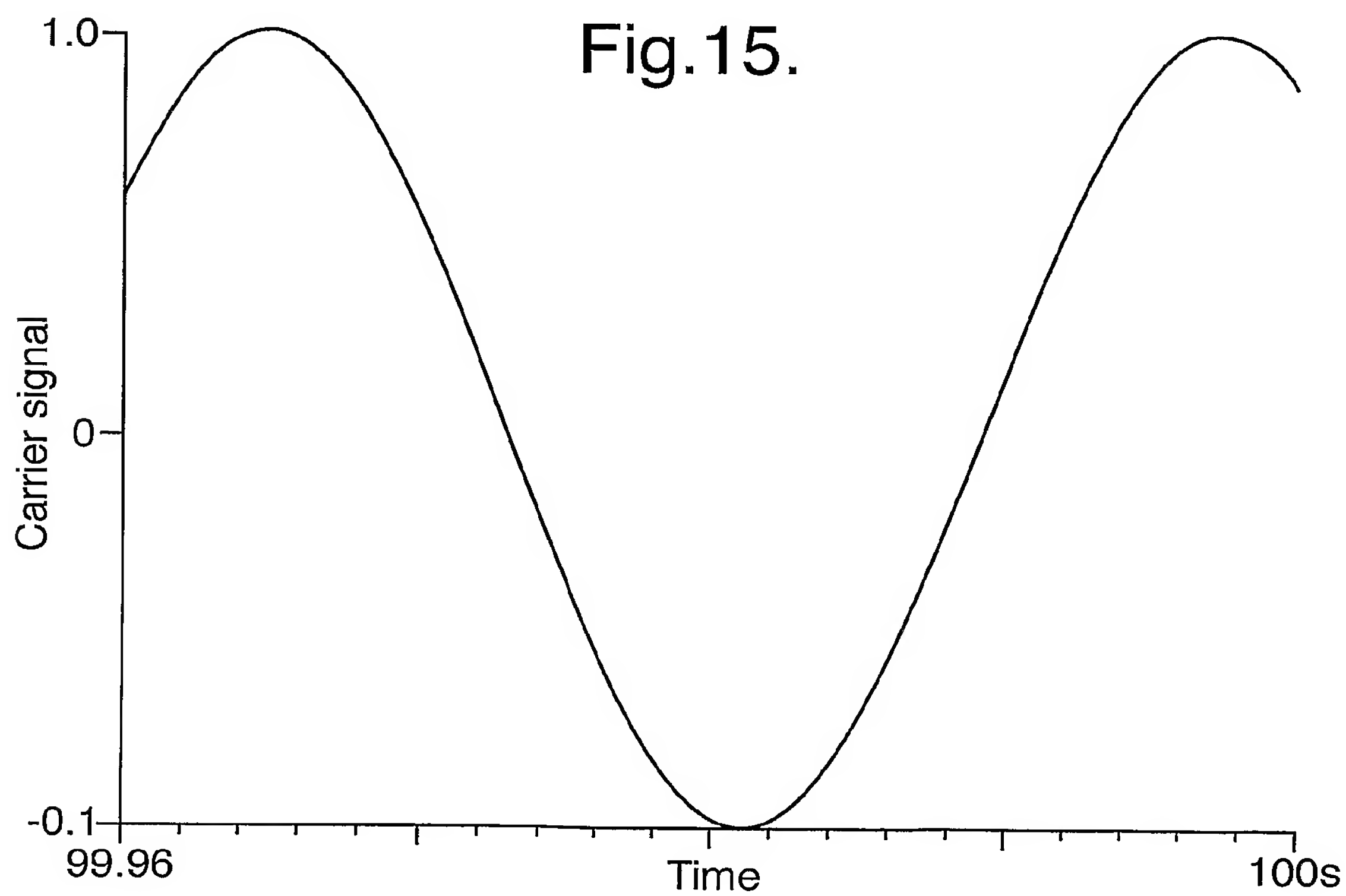
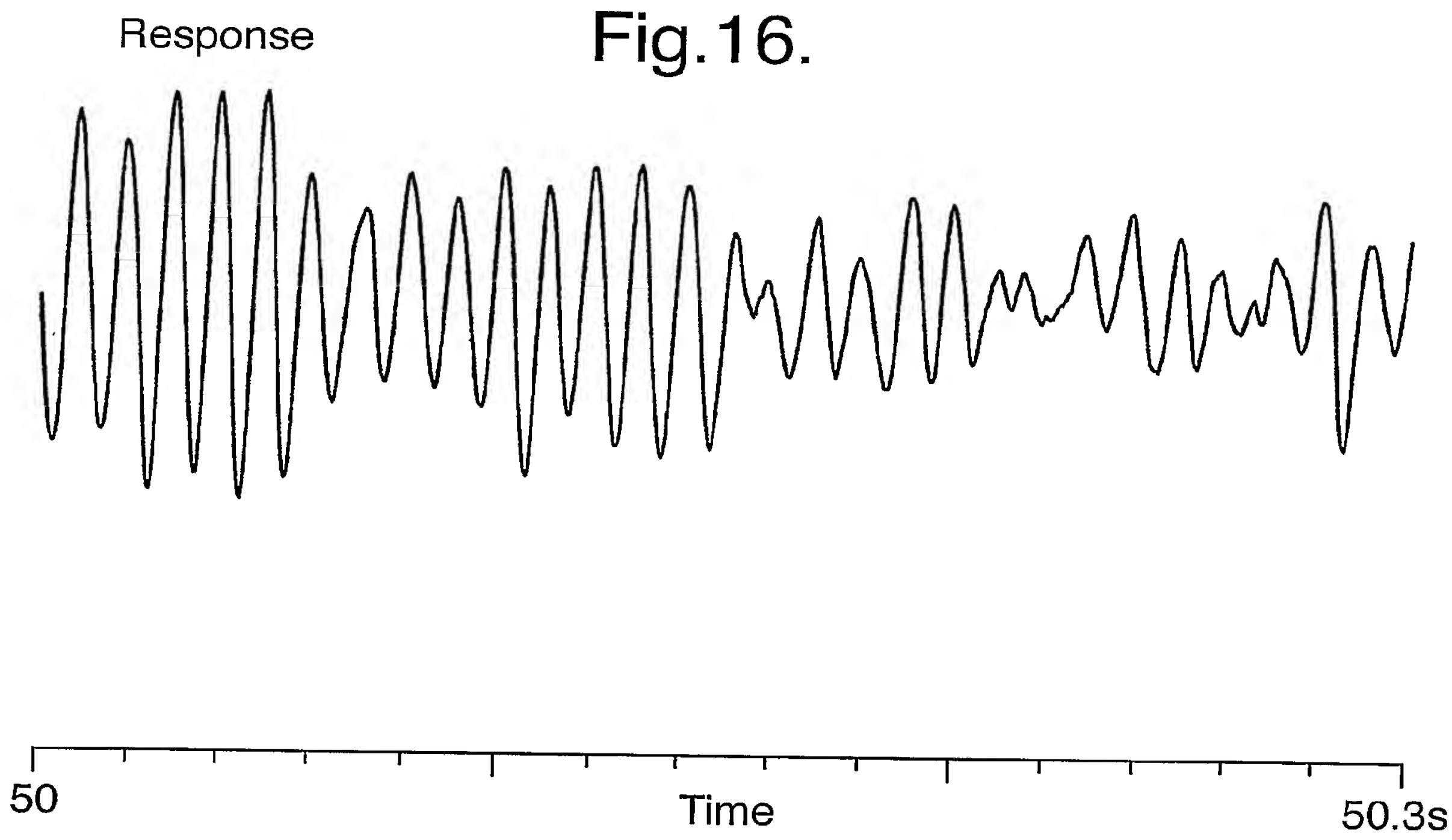


Fig.15.



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Bandpass Filtered
Response

Fig.17.

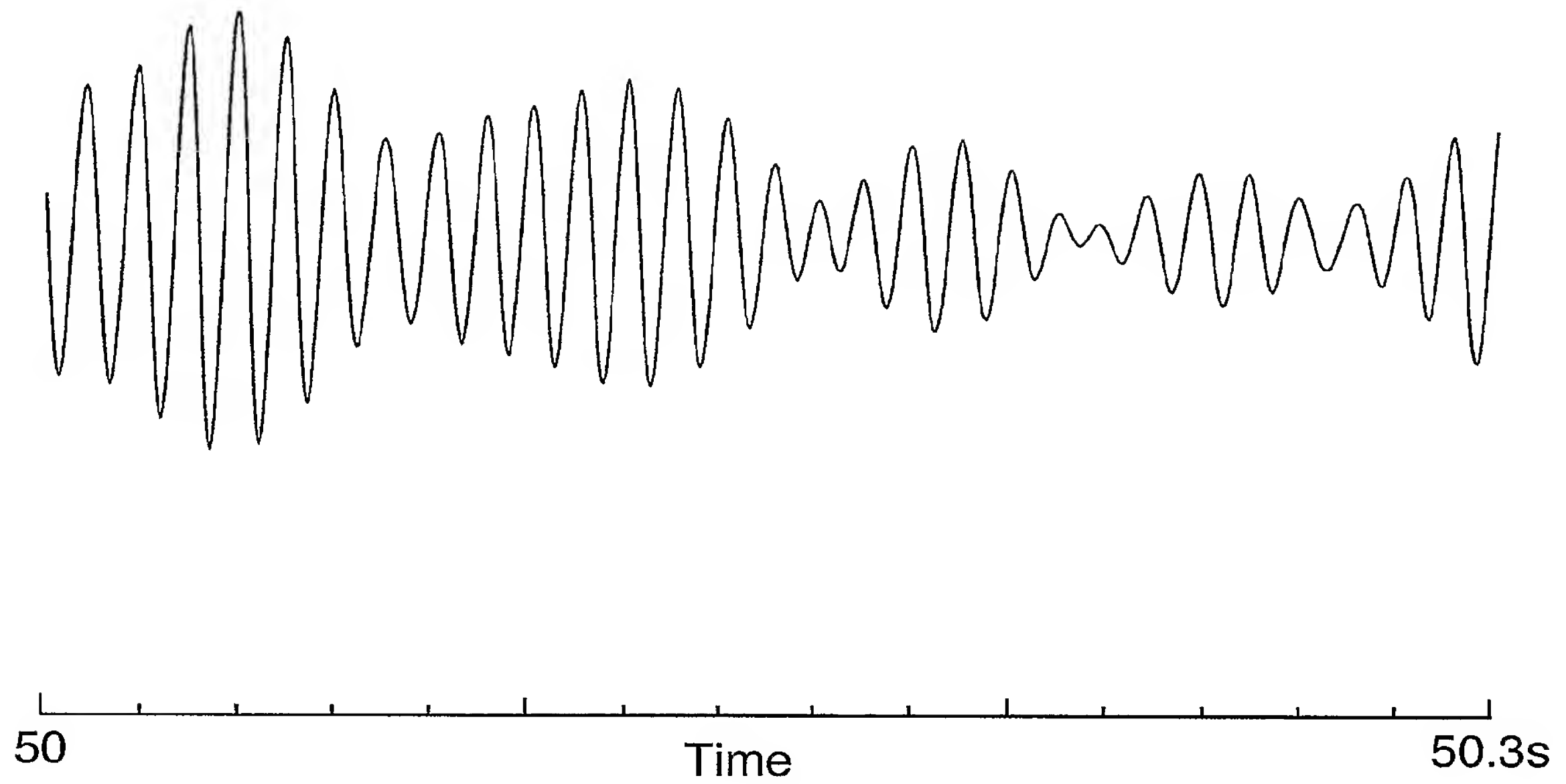
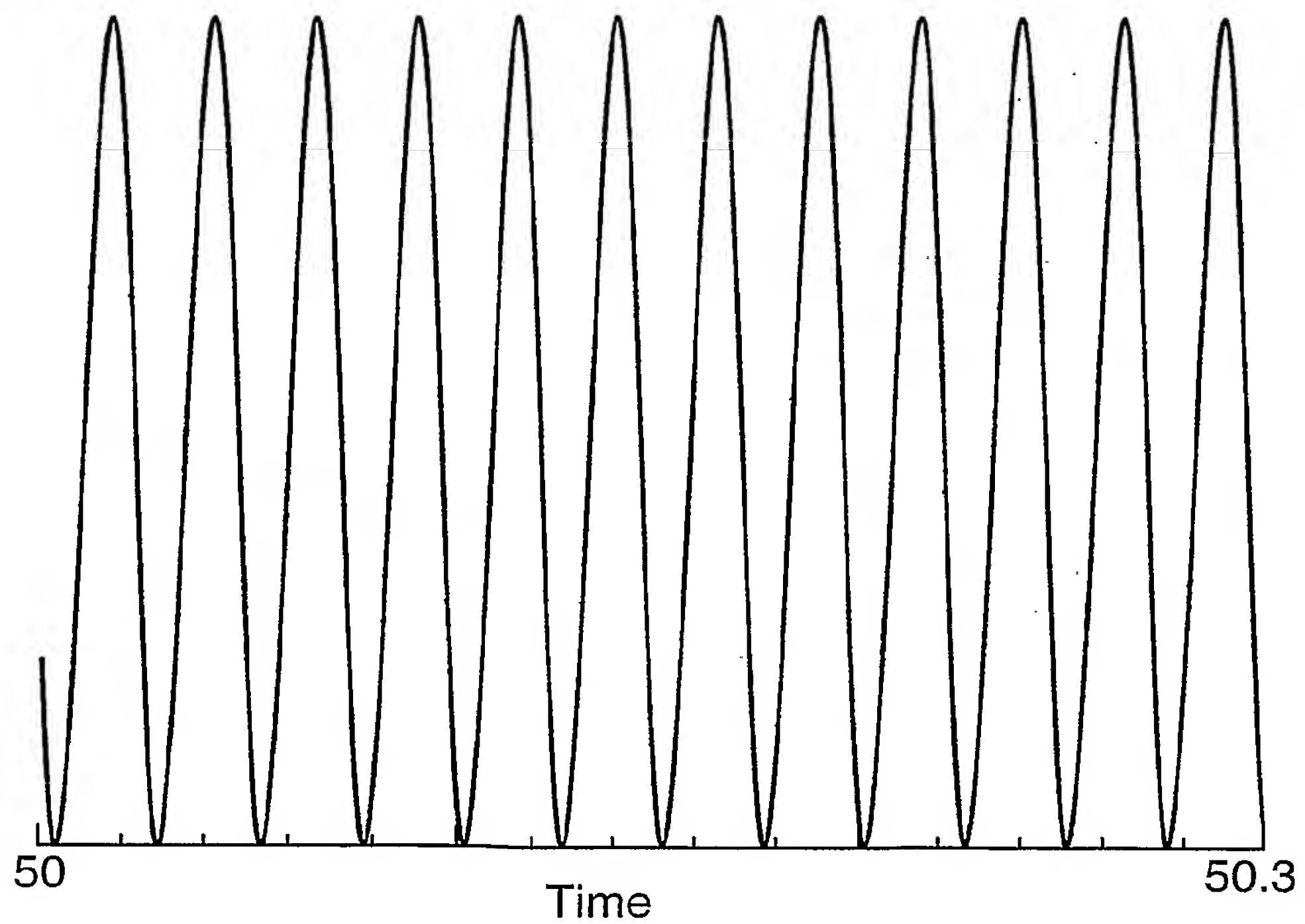


Fig.18.

Carrier Signal



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Modulated signal

Fig.19.

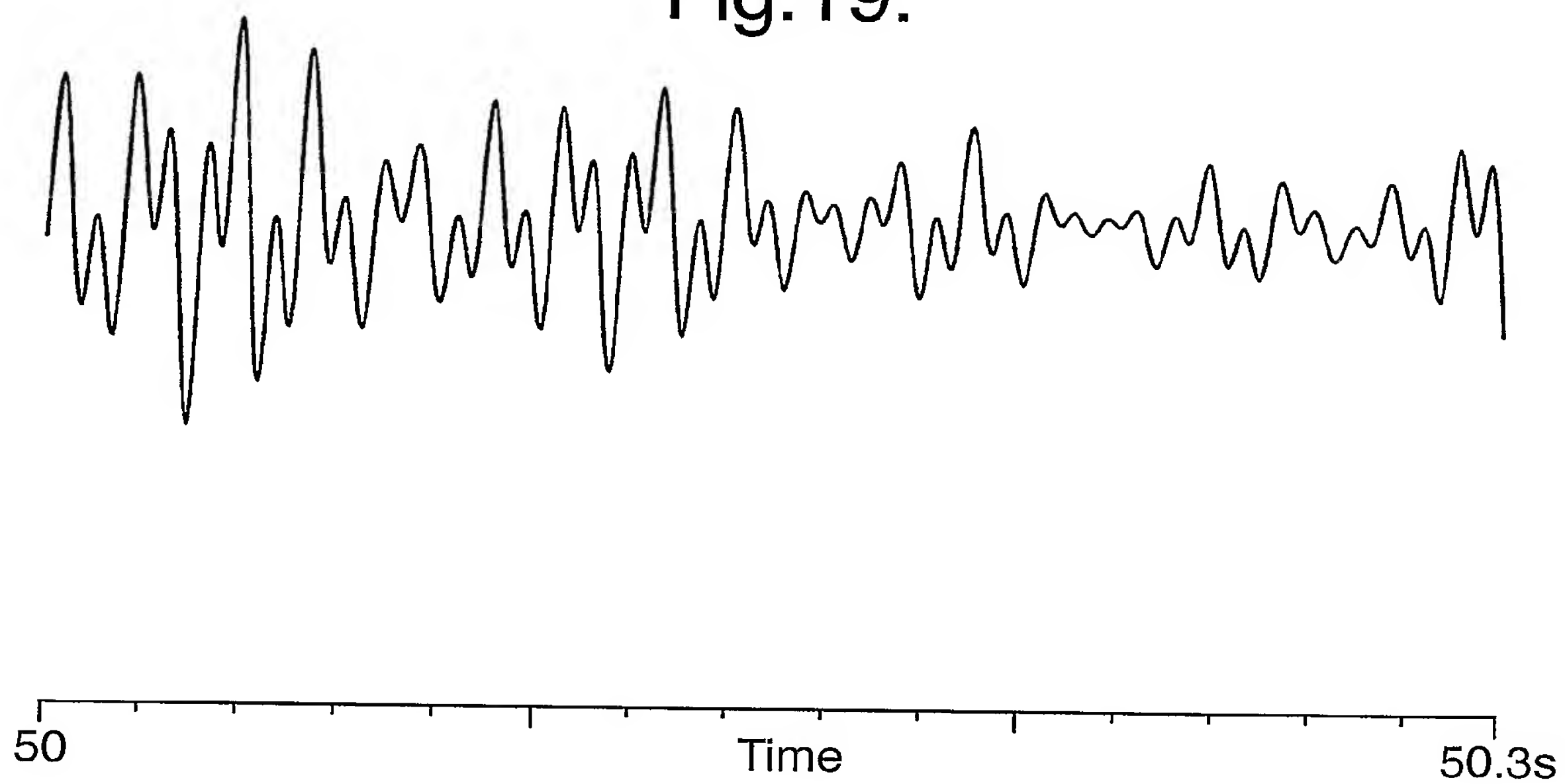


Fig.20.

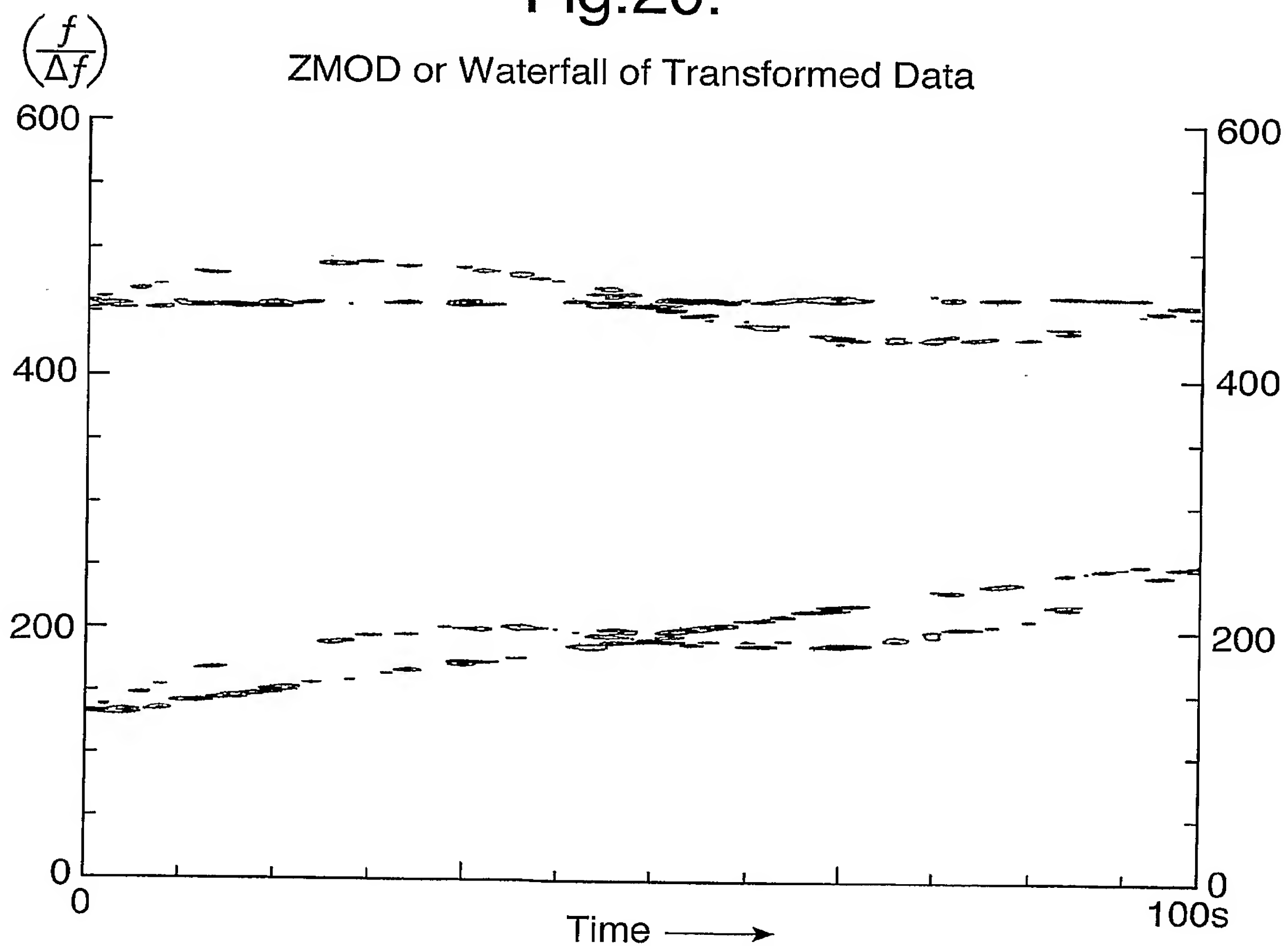


Fig.21.

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PSD (of Transformed Data)

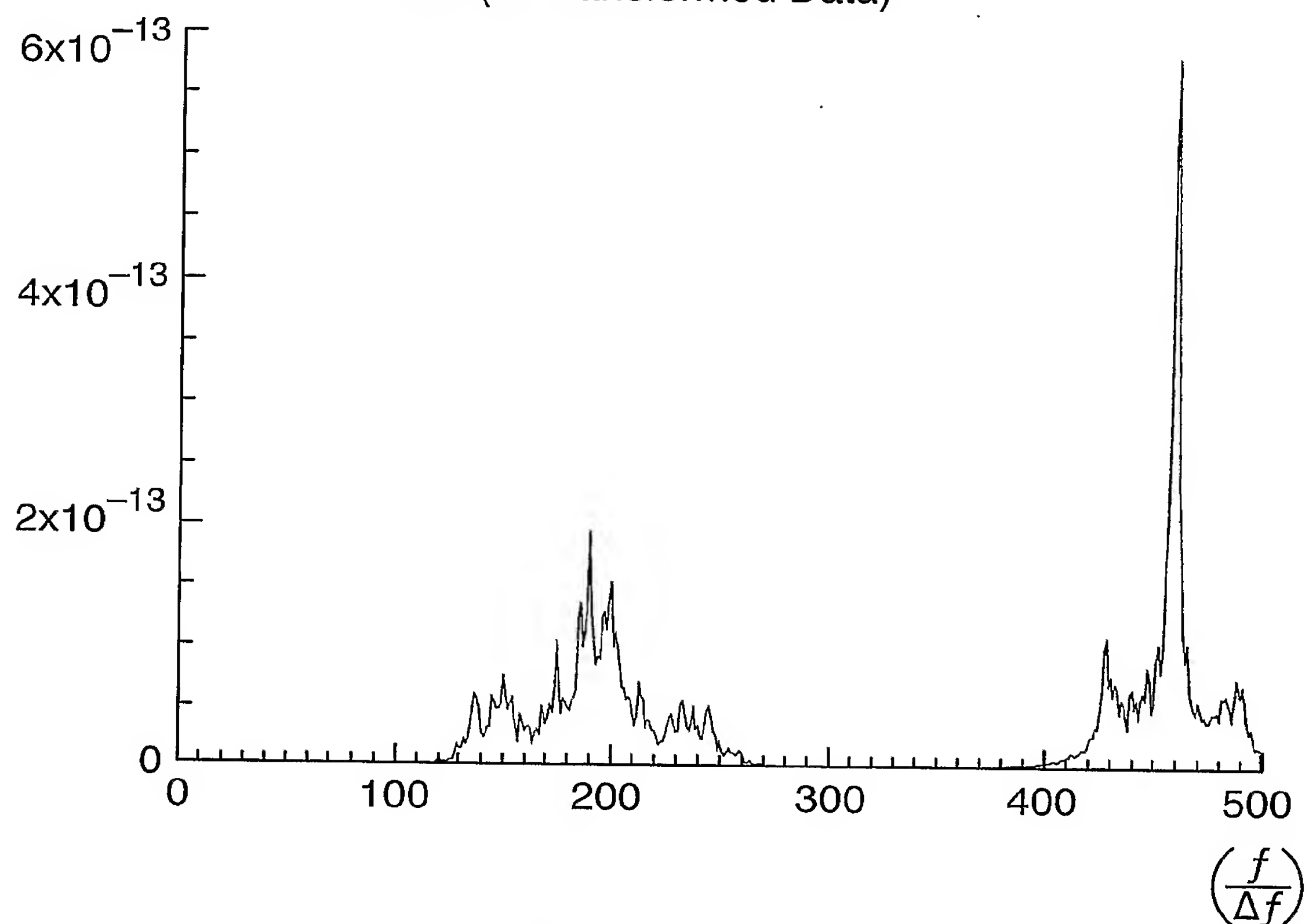
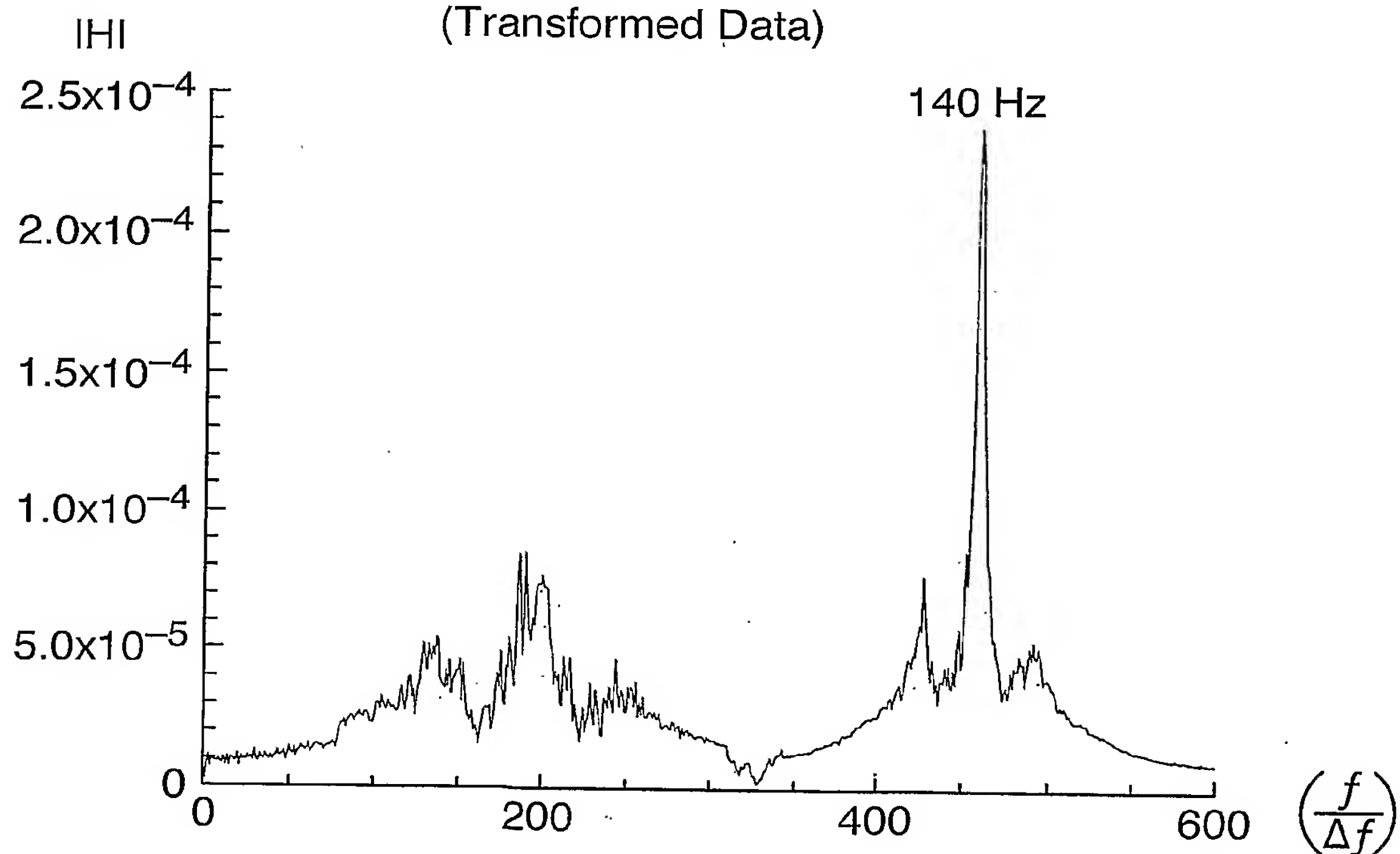


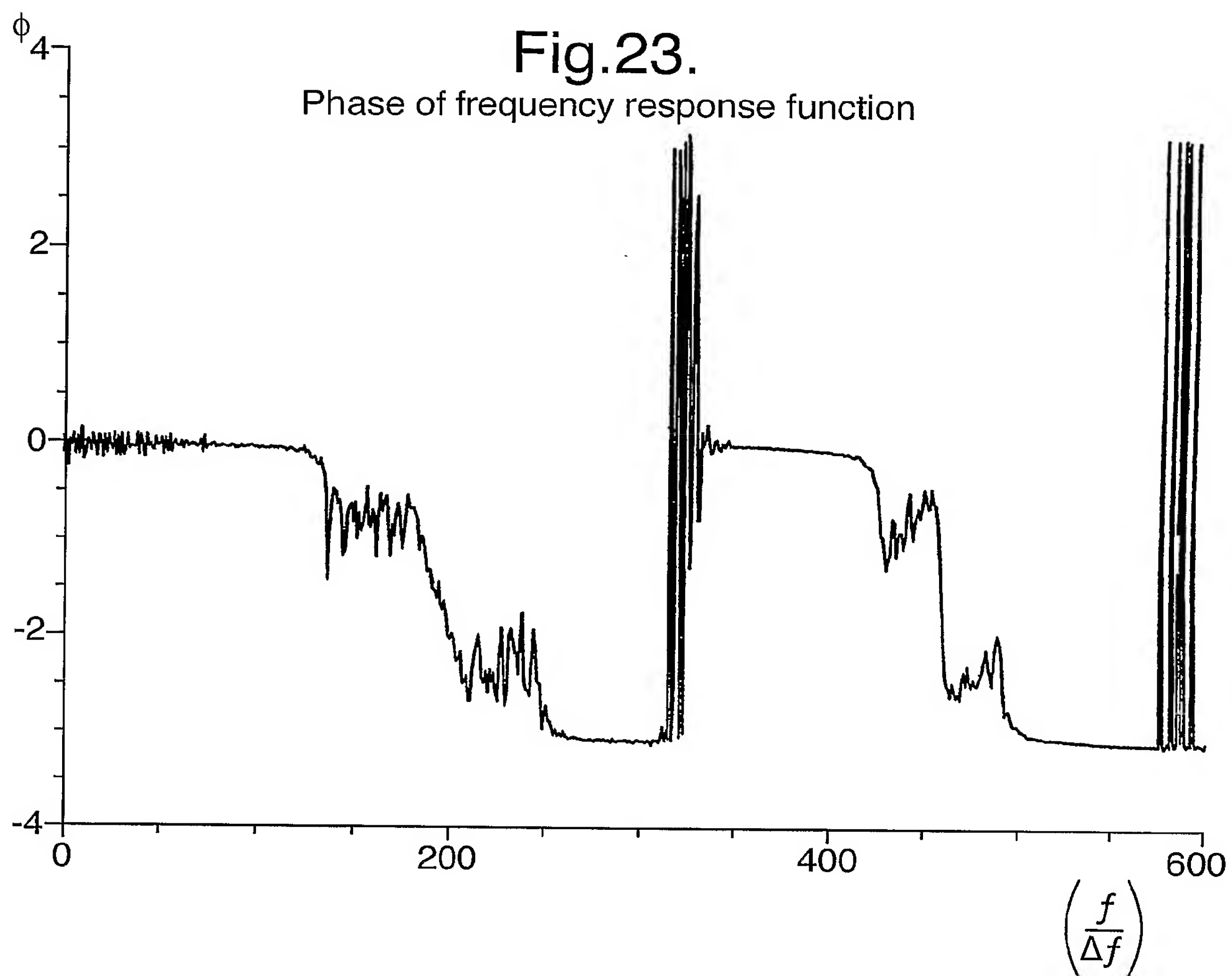
Fig.22.

Magnitude of Frequency Response Function

(Transformed Data)



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Fig.24.

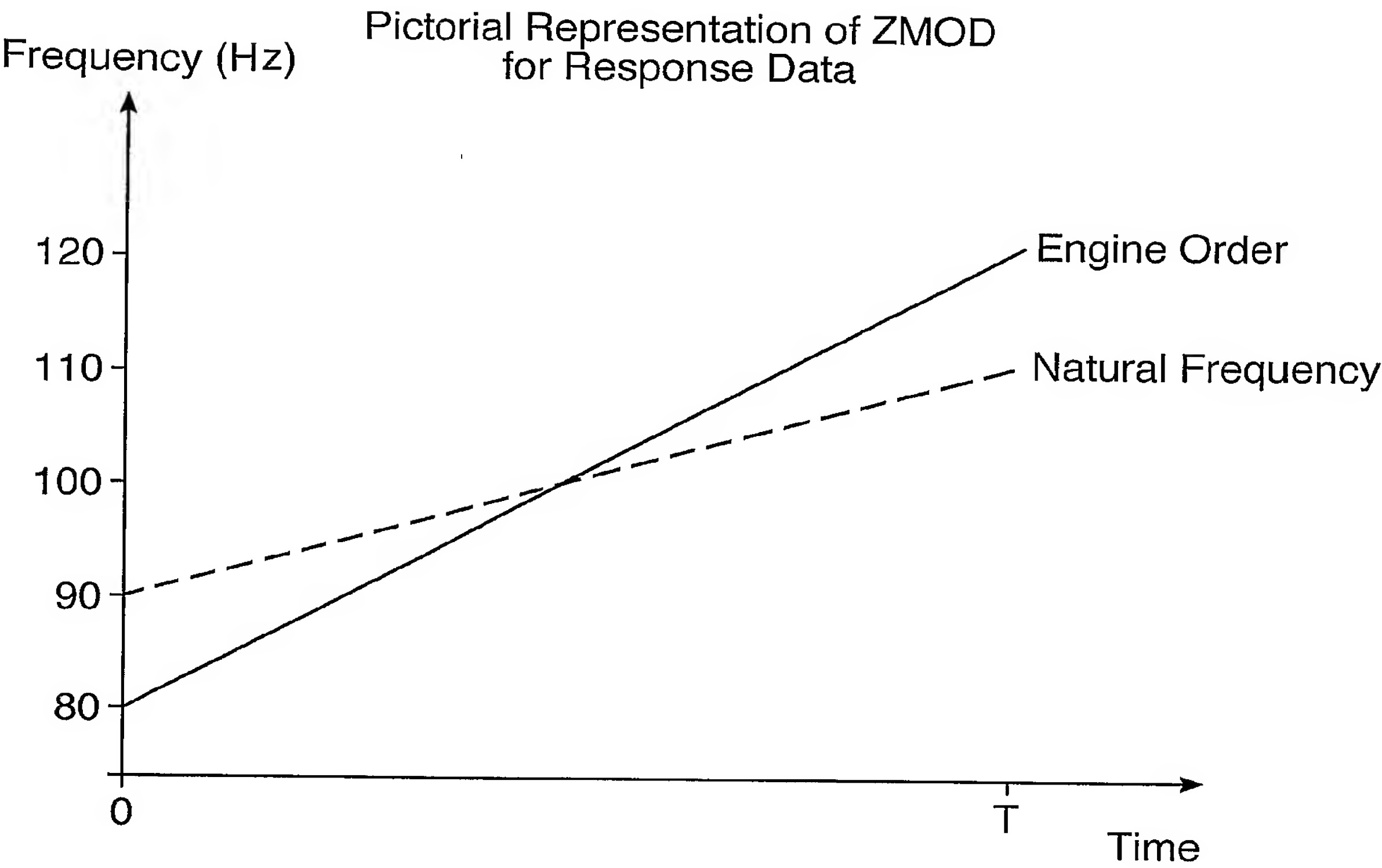


Fig.25.

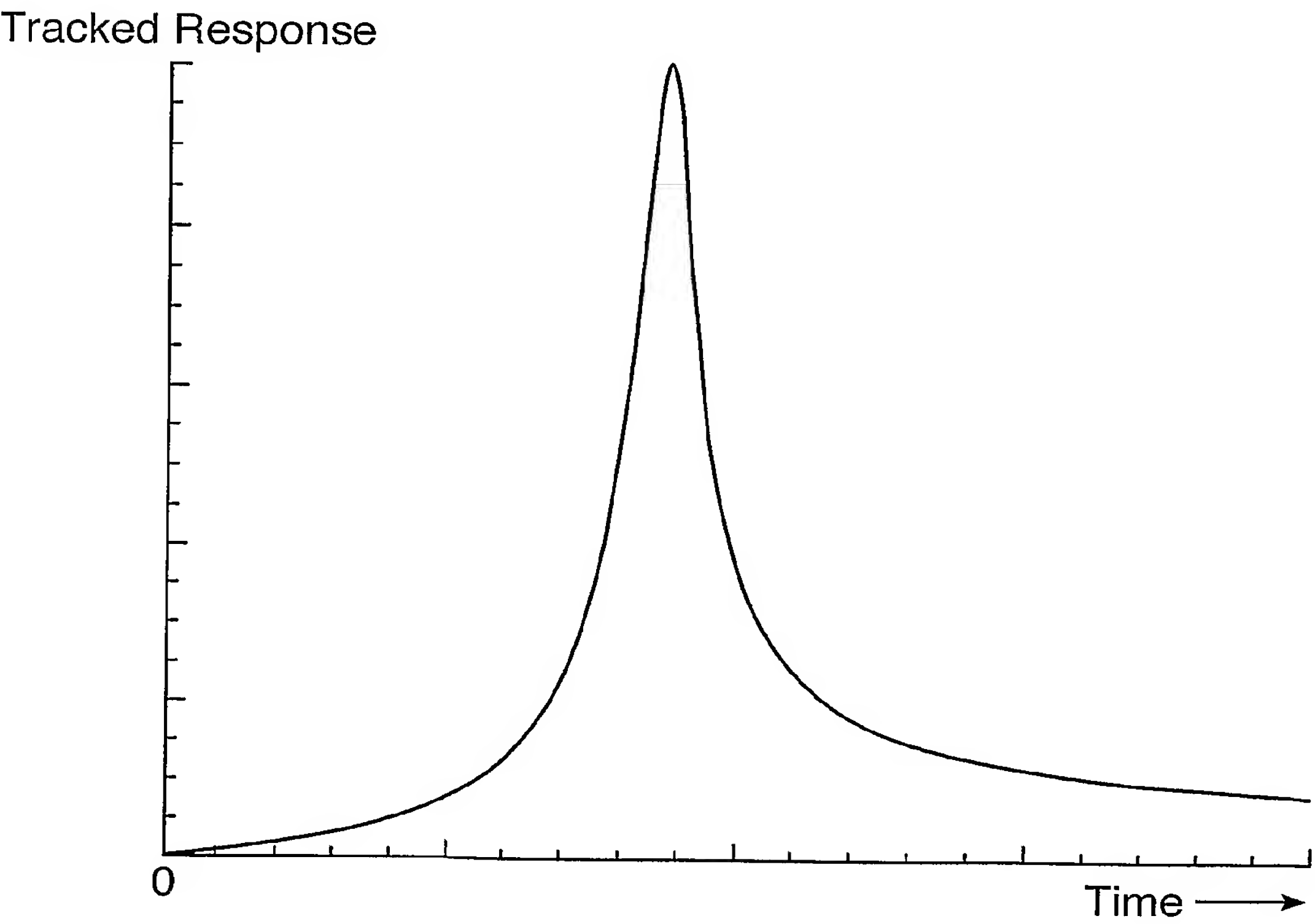
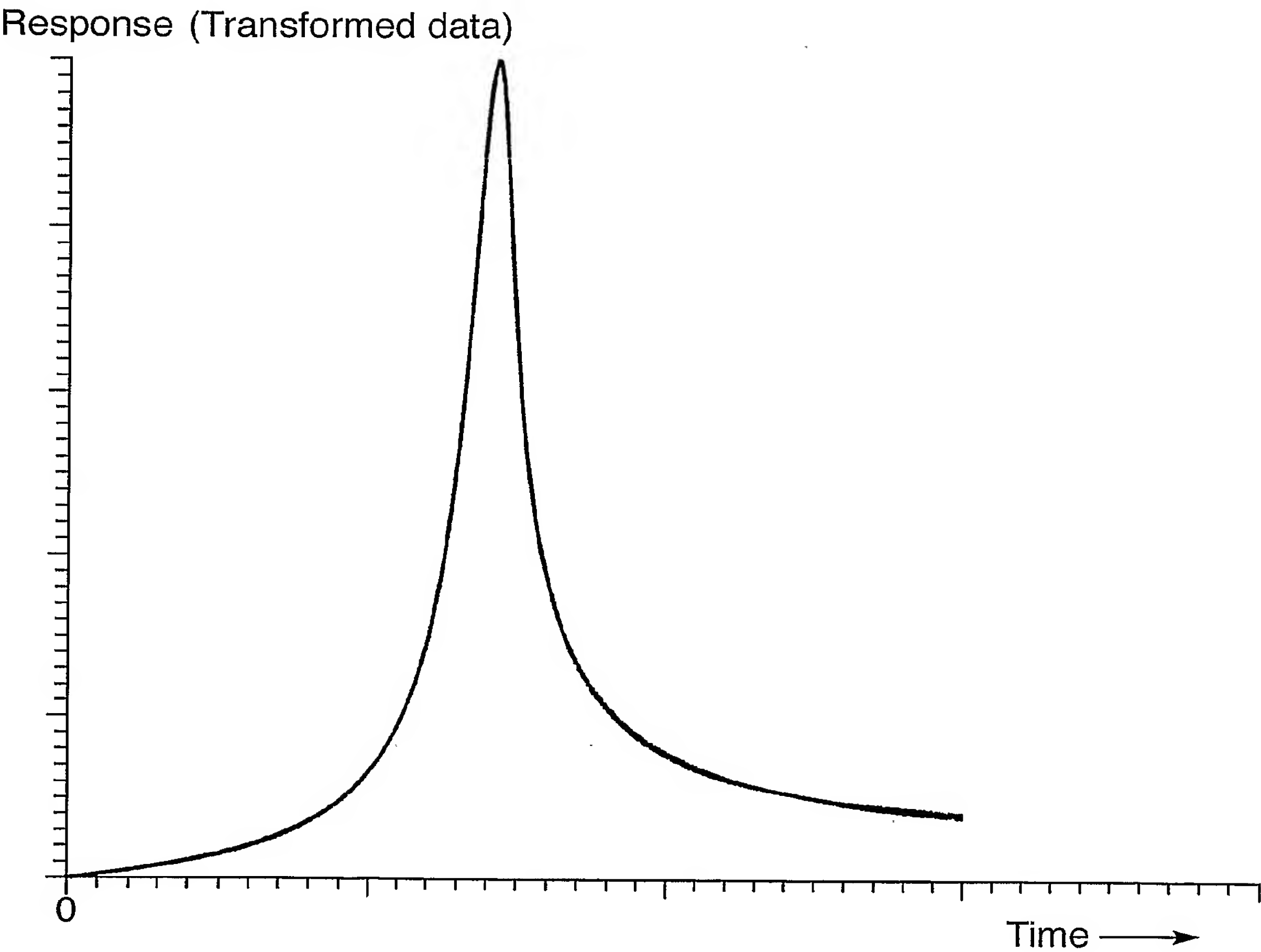
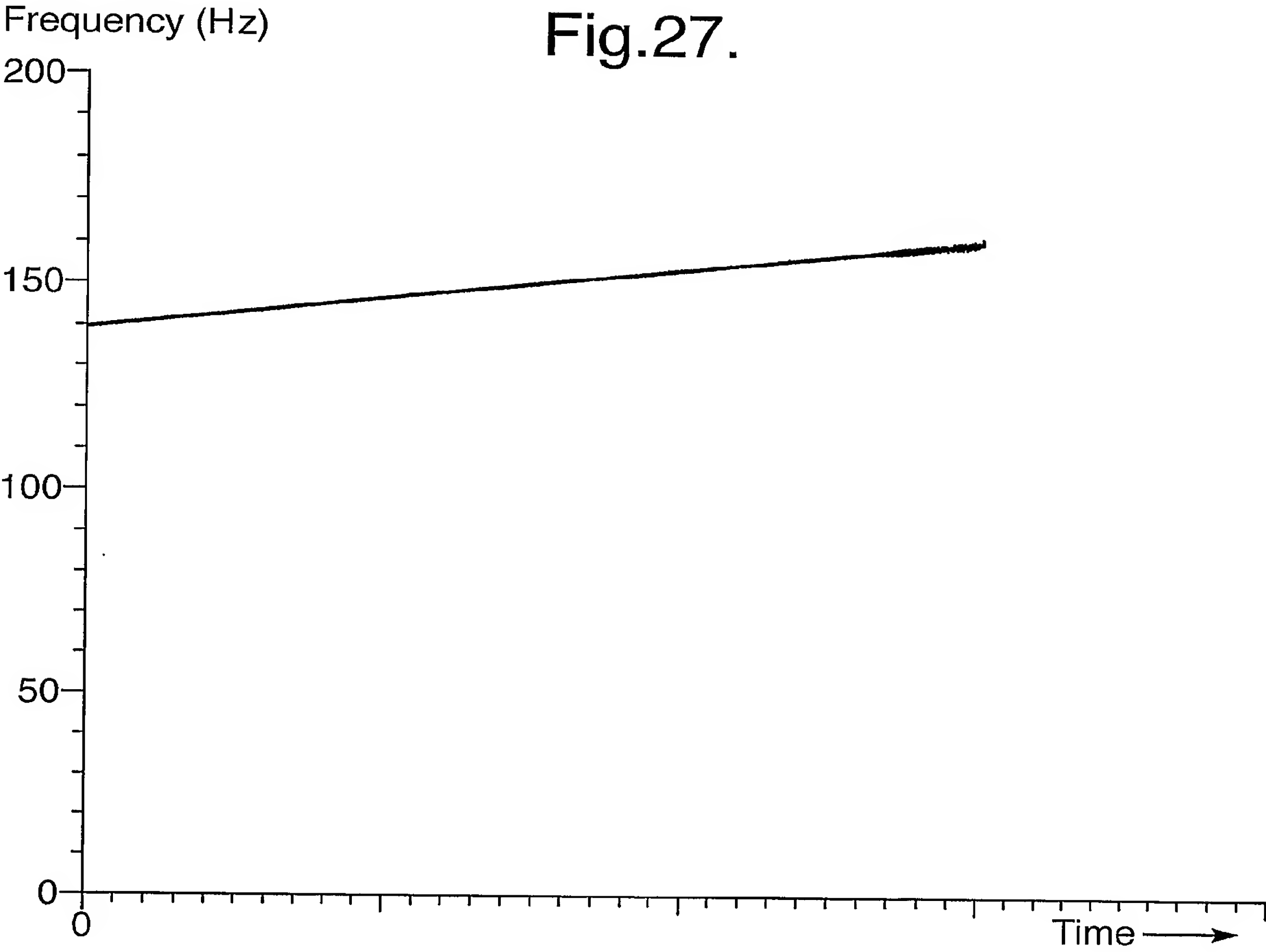


Fig.26.





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Fig.28.

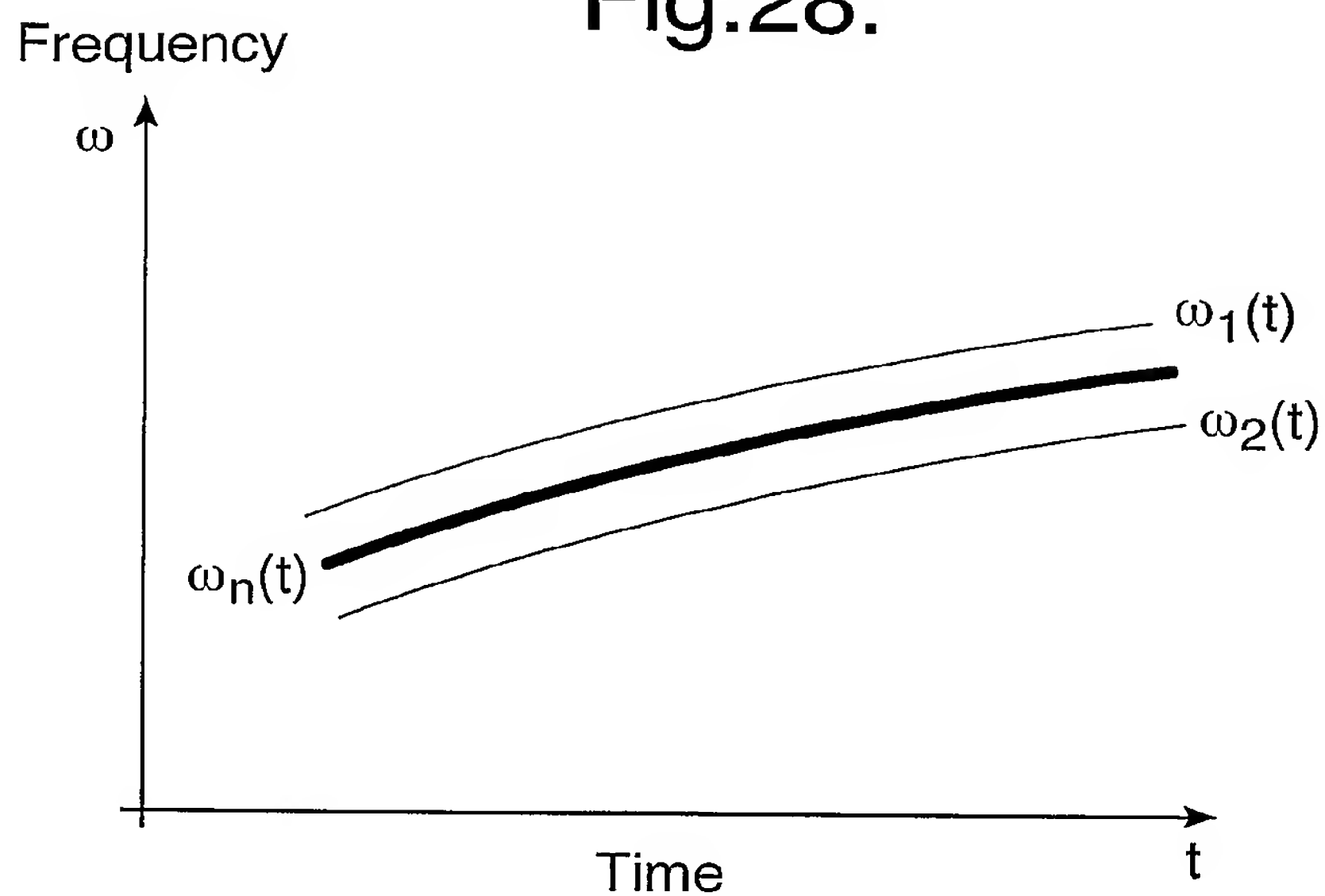
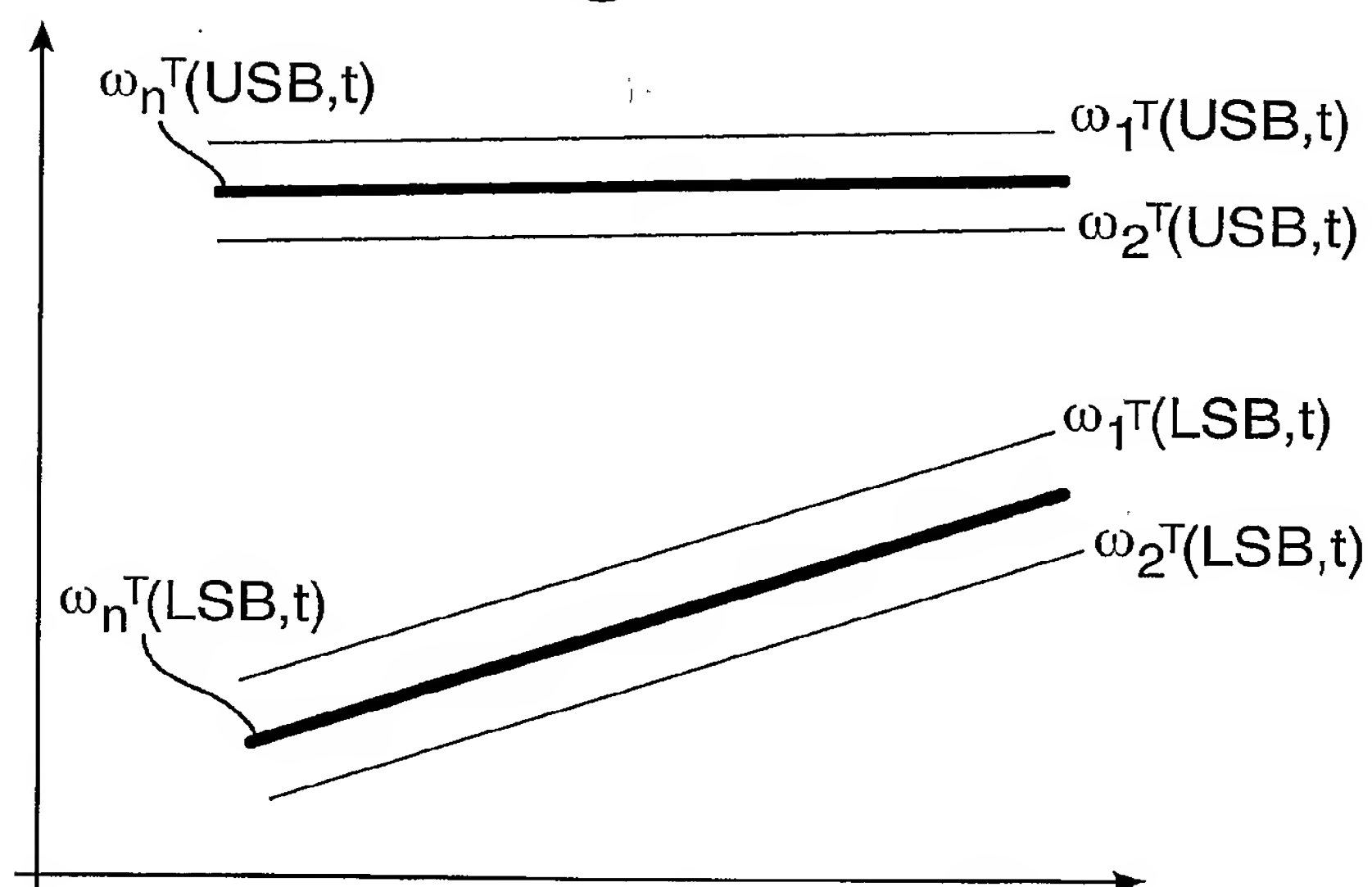
Schematic of ZMOD for Data
Prior to Transformation

Fig.29.

Schematic of ZMOD for Data
After Transformation